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The Hydro-Electric Power Commission of Ontario

965 ANNUAL REPORT



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HARMON GENERATING STATION — MATTAGAMI RIVER — This station is the second of the Commission's three developments on the lower Mattagami River. It has an installed capacity of 129,200 kilowatts in two units, both placed in service in the summer of 1965. Provision is made in the headworks for the possible future expansion of the station by the installation of two further units.

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The Hydro-Electric Power Commission of Ontario

Fifty-eighth
Annual Report
for the Year
1965

This Report is published pursuant to The Power Commission Act,
Revised Statutes of Ontario, 1960, Chapter 300, Section 10.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

APRIL 1, 1966

GEORGE E. GATHERCOLE, LL.D.
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D. P. CLIFF
1st Vice-Chairman

ROBERT J. BOYER, M.P.P.
2nd Vice-Chairman

LT.-COL. A. A. KENNEDY, D.S.O., E.D.
Commissioner

IAN F. McRAE, D.SC.
Commissioner



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Secretary

J. M. HAMBLEY, D.ENG.
General Manager

H. A. SMITH, M.B.E.
Chief Engineer

E. H. BANKS
*Assistant General Manager
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D. J. GORDON
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Marketing*

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*Assistant General Manager
Services*

C. B. C. SCOTT
*Assistant General Manager
Personnel*

LETTER OF TRANSMITTAL

TORONTO, ONTARIO, MAY 9, 1966

THE HONOURABLE W. EARL ROWE, P.C.(C.), LL.D.

Lieutenant-Governor of Ontario

SIR:

I have the honour to present the Annual Report of The Hydro-Electric Power Commission of Ontario for the year ended December 31, 1965.

Power requirements rose by 608,200 kilowatts in 1965 to 7,818,400 kilowatts, showing an 8.4 per cent increase over the requirements of 7,210,200 kilowatts in 1964. This rate of growth was the highest since 1955, and was well above the long-term trend of 6.5 per cent per annum. The capacity of the Commission's resources to meet these requirements was 8,199,150 kilowatts, indicating a net increase in capacity of 423,400 kilowatts.

Forecasts of customer loads using the most reliable information available to the Commission are the basis for the planning and construction of major generating developments over the next five to six years. During 1965, construction was begun at Lambton and Pickering Generating Stations, the former a 2,000,000-kilowatt coal-fired station near Sarnia, where four 500,000-kilowatt units are to be placed in service in the years 1968 to 1971, and the latter a

1,080,000-kilowatt nuclear station in Pickering Township, where one 540,000-kilowatt unit is scheduled for service in each of the years 1970 and 1971. Douglas Point Nuclear Power Station is scheduled for service late in 1966. Work continued during 1965 at Kipling Generating Station, the Commission's third development on the Mattagami River, which is also expected to be in service before the end of 1966. Progress is being made on a 139,500-kilowatt generating station at Mountain Chute on the Madawaska River, and the construction program on this river was further expanded to include extensions at Barrett Chute and Stewartville Generating Stations.

In order to supplement its power reserves in a period of unusually rapid load growth, the Commission undertook in 1965 the installation of a number of oil-fired combustion turbine units. Units of this type, which are gaining wide acceptance in the power industry, require considerably less construction lead time than larger unit installations. They also provide a more readily available standby service as well as operational flexibility on occasions of generating-equipment outage.

The major power interruption of November 9, 1965 affected in varying degrees parts of Ontario and an extensive area of the northeastern United States served by a number of interconnected utilities. This unusual occurrence has since that date been the subject of close study by all the utilities concerned, their objective being to derive from this experience the maximum guidance in providing the most reliable operating conditions possible. They have formed the Northeast Power Co-ordinating Council, which includes representatives of 22 utilities in the area affected. The Council will seek to promote maximum reliability and efficiency of service in the interconnected systems by the extensive co-ordination of system planning and operating procedures.

Although flows of the Niagara River and of the St. Lawrence River in 1965 were still below the average for the past ten years, stream-flow conditions over a large part of the province were back to normal or slightly above normal, following several years of varying drought conditions. There was also substantial improvement in the levels of the Great Lakes. Lake Ontario, where outflow is subject to some measure of control, was 2.5 feet above the December 1964 level at the end of 1965 and 6 inches above the 10-year average for December. Lake Erie, though still below the 10-year average for December, nevertheless showed a 10-inch improvement in level during the year.

The Commission keeps under constant review those trends that are considered to have a significant effect on the cost of power as allocated to any particular area or to any one group of the Commission's customers. In accordance with this procedure and in response also to a request of the Ontario Municipal Electric Association, a recent two-year study was the basis for the development of a new method of cost allocation. Following an explanation of its purpose and application given to Association representatives at a series of District meetings across the province, the new method was adopted for introduction commencing January 1, 1966.

The Commission's revenues in 1965 amounted to \$311.3 million, exceeding the 1964 revenues of \$288.8 million by \$22.5 million. A total of \$150 million was spent on capital construction during the year.

The Commission continues its efforts to maintain the cost of electric service at the lowest possible level consistent with a high standard of dependable service. Unit cost per kilowatt-hour to the ultimate customer has been stable, and in real terms has declined. The contribution of the municipal commissions and their staffs, as well as the co-operation provided through the Ontario Municipal Electric Association and the Association of Municipal Electrical Utilities, are significant factors in this achievement. Our combined effort, including that of the electrical manufacturing industry, is making our marketing program effective and gives promise of continued load growth.

In taking over the duties of Chairman from my predecessor, Mr. W. Ross Strike, may I pay tribute to his distinctive qualities of wisdom, tact, and persuasive leadership. He leaves the Commission, after twenty-two years of highly competent and dedicated service, with the affection and esteem of his colleagues, of the members of the staff in general, and of his associates in the municipal electrical utilities, whose best interests were his constant concern. In continuing to carry forward the policies of the Commission, I am fortunate in having the assistance of Mr. D. P. Cliff as First Vice-Chairman, Mr. R. J. Boyer as Second Vice-Chairman, and my other Commission colleagues, Lt. Col. A. A. Kennedy and Mr. Ian F. McRae. Mr. McRae joined the Commission in February 1966, bringing with him the benefit of his many years of experience in the electrical manufacturing industry, and a particularly valuable knowledge of nuclear-electric power and its possibilities for the future.

The Commission's management and staff are deserving of high commendation for their part in the successful operations that have made the past year one of substantial achievement.

Respectfully submitted,

GEORGE E. GATHERCOLE,
Chairman.

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FIFTY-EIGHTH ANNUAL REPORT
OF
**The Hydro-Electric Power Commission
of Ontario**

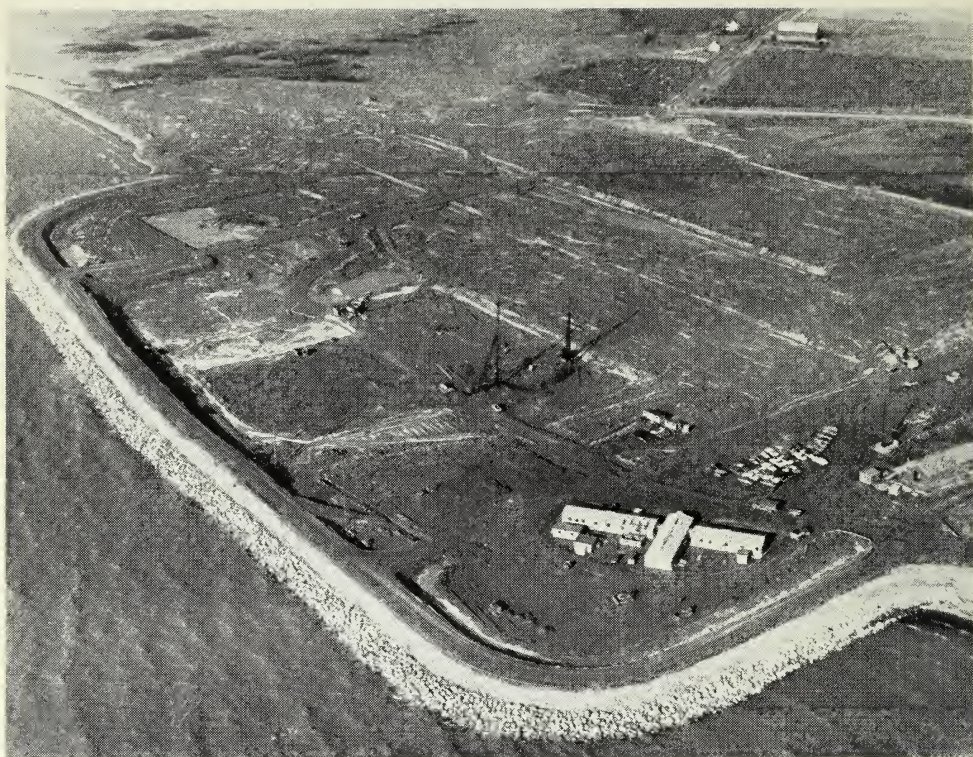
FOREWORD

THE Hydro-Electric Power Commission of Ontario is a corporate entity, a self-sustaining public enterprise endowed with broad powers with respect to electricity supply throughout the Province of Ontario. Its authority is derived from an Act of the Provincial Legislature passed in 1906 to give effect to recommendations of earlier advisory commissions that the water powers of Ontario should be conserved and developed for the benefit of the people of the Province. It now operates under The Power Commission Act (7-Edward VII, c. 19) passed in 1907 as an amplification of the Act of 1906 and subsequently modified from time to time (Revised Statutes of Ontario, 1960, c. 300, as amended). The Commission may have from three to six members, all of whom are appointed by the Lieutenant-Governor in Council. Two Commissioners may be members of the Executive Council of the Province of Ontario.

The Power Supply

Power is provided through the facilities of two operating systems, the East System and the West System, which, though not physically interconnected, are administered as a unit on behalf of the 360 co-operating municipalities, and other Commission customers.

The East System comprises six regions—Western, Niagara, Central, Georgian Bay, Eastern, and Northeastern—while the West System comprises only the Northwestern Region. The dividing line between the two systems is roughly



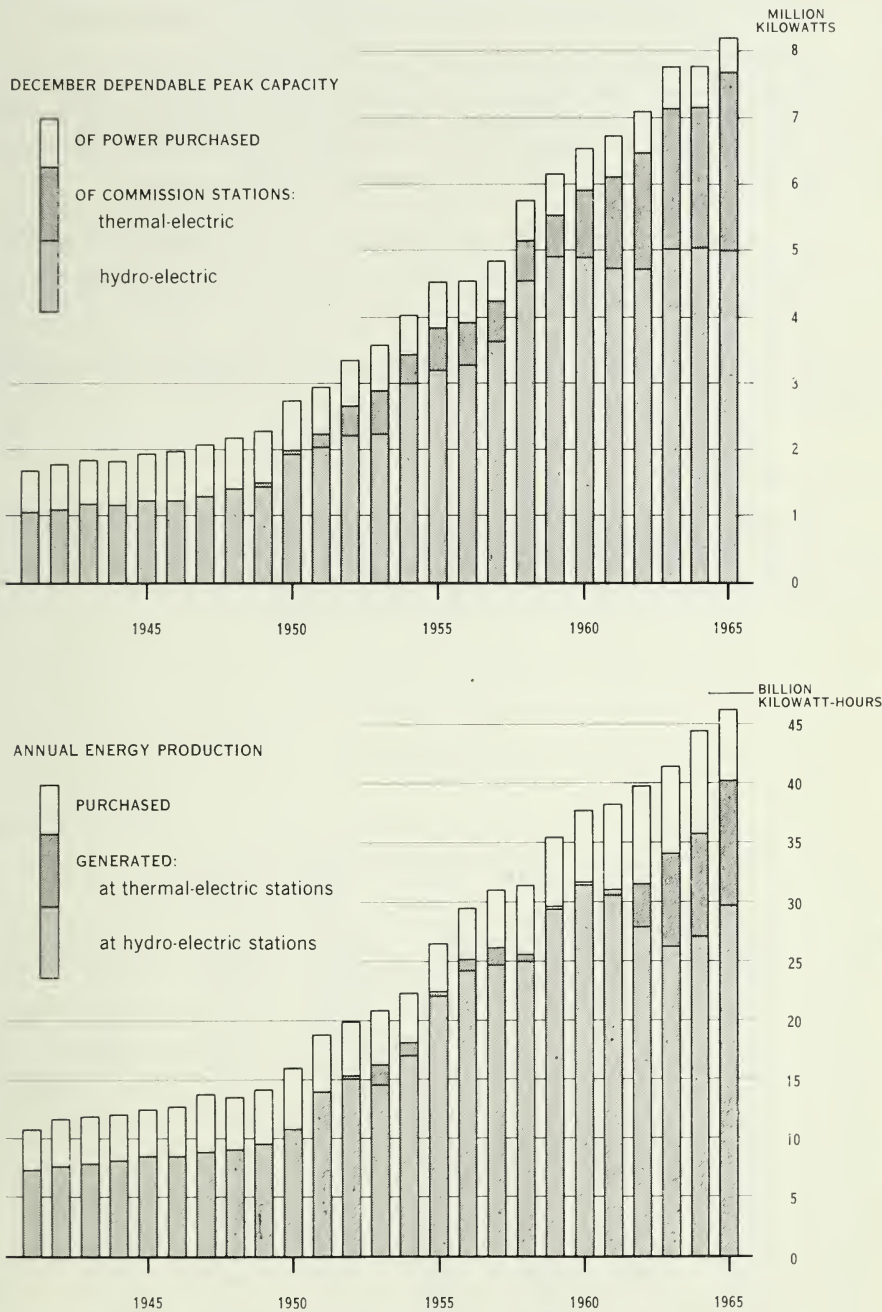
PICKERING GENERATING STATION — The first of the two nuclear-electric units now scheduled for installation at this station just east of Metropolitan Toronto is expected to be ready for service in 1970. The curving outline of the dike marks the extent of land reclaimed from Lake Ontario to provide the most economical use of the site, and to permit easy access to deeper water for cooling purposes. The project administration buildings can be seen in the right foreground, and behind them, pile-drivers in position to begin preparation of the foundations for the main station structures.

the boundary between the Thunder Bay District and the Districts of Algoma and Cochrane. The Commission maintains offices in seven suitably located cities for the purpose of providing local administration within the seven regions.

The Commission is primarily concerned with the provision of electric power by generation or purchase, and its delivery in bulk either for resale, chiefly by the associated municipal utilities, or for use by certain direct customers, for the most part industrial. This primary aspect of operations accounts for more than 90 per cent of the Commission's energy sales. The remaining sales are made to retail customers either in rural areas or in certain communities not served by municipal electrical utilities. Apart from this particular operation by the Commission, retail service throughout the province is generally provided by the associated municipal electrical utilities, which are owned and operated by local commissions functioning under the general supervision of The Hydro-Electric Power Commission of Ontario as provided for in The Power Commission Act and The Public Utilities Act. Under this legislation, the Commission, in addition to supplying power, is required to exercise certain regulatory functions with respect to the municipal utilities served.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

TOTAL POWER RESOURCES AND ENERGY PRODUCTION



Financial Features

The basic principle governing the financial operations of the Commission and its associated municipal electrical utilities is that service is provided at cost. In the Commission's operations, cost of service includes payment for power purchased, charges for operation, maintenance, and administration, and related fixed charges. The fixed charges represent interest, an allowance for depreciation, and a provision for debt retirement. The municipal utilities operating under cost contracts with the Commission are billed throughout the year at interim rates based on estimates of the cost of service. At the end of the year, when the actual cost of service is established, the necessary balancing adjustments are made in their accounts. Retail rates for the municipal utilities are established at levels calculated to produce revenue adequate to meet cost.

The enterprise from its inception has been self-sustaining. The Province, however, guarantees the payment of principal and interest on all bonds issued by the Commission and held by the public. In addition, the Province has materially assisted the development of agriculture by contributing under The Rural Hydro-Electric Distribution Act toward the capital cost of extending rural distribution facilities.

Annual Summary

Revenue from the sale of primary power and energy in 1965 amounted to \$311.3 million as compared with \$288.8 million in 1964. Revenue from the sale of secondary energy amounting to \$3.8 million, up from \$3.1 million in 1964, was

	Statistical
	1956
Dependable peak capacity, December.....	thousand kw 4,552
Primary power requirements, December.....	thousand kw 4,514
Annual energy generated and purchased.....	million kwh 29,523
Primary.....	million kwh 25,537
Secondary.....	million kwh 3,986
Annual energy sold by the Commission:.....	million kwh 26,802
Annual revenue of the Commission (net after refunds).....	million \$ 183
Fixed assets at cost.....	million \$ 1,733
Gross expenditure on fixed assets in year.....	million \$ 173
Total assets, less accumulated depreciation.....	million \$ 2,011
Fixed-term liabilities.....	million \$ 1,392
Transmission line.....	circuit miles 16,489
Primary rural distribution line.....	circuit miles 44,492
Average number of employees in year.....	18,075
Number of associated municipal electrical utilities.....	350
Ultimate customers served by the Commission and municipal utilities.....	thousands 1,612

applied as an offset to the cost of primary power. The cost of primary power allocated to customers was \$310.8 million after a net withdrawal of \$2.0 million from the Reserve for the Stabilization of Rates and Contingencies, as compared with \$289.1 million in 1964 after the withdrawal of \$11.5 million.

Harmon Generating Station, the second of three developments on the lower Mattagami River, was placed in service in 1965.

The third and fourth units at Lakeview Generating Station were added to the category of dependable peak resources during the year. Construction was continued at this station, at Kipling Generating Station on the Mattagami River, and at Mountain Chute on the Madawaska River. A beginning was made on construction at Lambton Generating Station, a conventional thermal-electric plant near Sarnia, and at Pickering Generating Station, the new nuclear-electric development near Toronto. A program for the extension of both Barrett Chute and Stewartville Generating Stations was introduced during the year.

Work was proceeding on the Essa to Kleinburg section of the extra-high-voltage line which will bring power from the far northern generating resources to centres of heavy load in southern Ontario. It is scheduled for completion as far as Kleinburg Transformer Station northwest of Toronto early in 1966.

The Commission keeps under continuous review those trends which are likely to have a significant effect on the cost of power as allocated to any particular area, or group of the Commission's customers. As an outcome of this

Summary 1956-65

1957	1958	1959	1960	1961	1962	1963	1964	1965
4,844	5,761	6,155	6,526	6,734	7,088	7,756	7,776	8,199
4,784	5,139	5,556	5,746	5,949	6,293	6,797	7,210	7,818
31,101	31,450	35,465	37,709	38,212	39,885	41,471	44,399	47,528
27,405	28,382	31,546	32,717	33,861	35,783	37,644	40,632	43,584
3,696	3,068	3,919	4,992	4,351	4,102	3,827	3,767	3,944
28,288	28,599	32,073	34,317	34,807	36,684	38,466	41,115	43,547
197	198	213	229	236	249	270	289	311
1,931	2,108	2,248	2,361	2,462	2,567	2,665	2,762	2,894
209	191	154	132	124	114	108	110	150
2,255	2,421	2,548	2,660	2,780	2,702	2,753	2,824	2,987
1,573	1,692	1,786	1,844	1,918	1,938	1,959	1,999	2,106
16,717	17,499	17,713	17,831	17,971	18,120	18,642	18,826	19,050
45,375	46,438	47,351	47,896	48,068	48,562	48,993	49,173	49,435
19,597	17,701	15,866	15,179	15,097	14,920	14,387	14,531	14,996
351	354	354	354	354	355	355	357	360
1,674	1,757	1,830	1,881	1,939	1,991	2,042	2,096	2,142

review, and in response to a request of the Ontario Municipal Electric Association, a new method of allocating power costs was developed. Following an explanation of this costing method to Association representatives at a series of District meetings across the province, it was approved for application commencing January 1, 1966.

Despite marked changes in cost, no major change in rates for regular rural electrical service has been introduced since 1953. In the period since 1944, when the uniform rate structure for all rural areas was first established, a number of changes having an important bearing on rates have occurred in the rural environment. Recognizing these changes and the intensification of competition from other sources of energy, the Commission decided to prepare new rate schedules for introduction in 1966. By eliminating or substantially reducing rate features that tend to impede growth in the use of electricity or to adversely affect public relations, the Commission hopes to provide stronger support for sales promotion in the rural areas.

Reference is made in Section III of the Report to the introduction during 1965 of the Commission's newly selected corporate symbol, which appears as a decorative design on the front end-paper of this volume.



MOUNTAIN CHUTE GENERATING STATION — MADAWASKA RIVER — At this development about 22 miles southwest of Renfrew, the Madawaska River flows through a narrow channel blasted out of solid rock on the south bank of its natural course. The main construction operations are proceeding within an area protected by cofferdams. The two-unit headworks on the north shore of the river at the right of the photograph will be connected by a bulkhead section to a control structure on the south shore incorporating two 29-foot sluices.

GUIDE TO THE REPORT

Details of the Commission's activities which have been briefly summarized in the foregoing paragraphs are given in the six sections and four appendices of the Report which follow. Operations, finance, and customer relations are the subjects of the first three sections and their related appendices. The narrative in Section I dealing with the production, purchase, and delivery of power is supplemented in the text by reports of weather conditions, maintenance, communications, and forestry, all of which are related to operations. Supplementary tables are in Appendix I. Section II includes the Commission's Balance Sheet, Statement of Operations, and certain supporting statements of general interest. In Appendix II are other supporting schedules and accounts, including the statements of municipal sinking fund equities and of the allocation of the cost of primary power to municipalities. In Section III, consideration is given to various aspects of marketing and of service to the three main groups of the Commission's customers. Supplementary information on rural service is to be found in Appendix III. Another subsection of Section III, in the form of reports from the regions, deals with certain activities relative to service in municipal utilities. Many of these activities have involved participation by, or the assistance of, members of the Commission's staff.

Engineering, construction, and research activities are discussed in Sections IV and V. Section IV deals with the planning and construction of power facilities. It includes descriptions of the more important construction projects and statistics relative to these and other facilities for the generation, transformation, and delivery of power. Section V contains reports on the progress of some of the tests and investigations being conducted by members of the Commission's Research Division.

Section VI deals with aspects of employee relations, training, and staff administration.

A large part of the Report is devoted to aspects of retail service to ultimate customers, especially that provided by the municipal electrical utilities. The commentary on these activities and the statistical tables applicable to them are brought together in a supplement to the Report entitled *Municipal Electrical Service* beginning on page 143.

SECTION I

OPERATION OF THE SYSTEMS

UNTIL well into the month of July, there was little indication of change in the drought conditions that had generally prevailed in the East System since early in 1962. Precipitation throughout the earlier part of the year was for the most part below normal and the levels of storage reservoirs, including the Great Lakes, were little better, in some instances worse, than those prevailing in the 1962-64 period. Rainfall much above normal, however, beginning in August and continuing until late fall, substantially increased runoff and brought the total volume of usable water in storage other than the Great Lakes to 11 per cent above normal at the end of 1965. This storage had been 20 per cent below normal at the end of 1964.

The levels of the Great Lakes also improved markedly. The Lake Ontario level reached normal in November, and at the end of 1965 was more than two feet higher than it had been at the end of 1964. The Lake Erie level, though still below normal at the end of 1965, was 11 inches higher than it had been at the end of 1964.

As a result, the annual flows of the Niagara and St. Lawrence Rivers improved substantially in 1965, though they were still below the ten-year moving average. The flow of the Ottawa River exceeded the average of the preceding ten years.

In the West System, hydrological conditions were generally good throughout 1965. At the end of the winter, snow cover was generally about normal, and

freshet flows, which began late in April and continued until early in June, brought storage reservoirs to approximately normal levels. During the summer and early fall, heavy rainfall at times required the spillage of large amounts of water in order to maintain the Lake of the Woods below the maximum allowable level. The total volume of usable water in storage was somewhat above normal from October to the end of the year.

Power Demands and Resources

Power requirements on the Commission's systems grew rapidly in 1965. The primary peak demands of the East and West Systems reached a total of 7,818,400 kilowatts in December. The increase over the comparable December 1964 figure was 8.4 per cent, exceeding any annual increase since 1955.

The total annual primary energy demand of approximately 43.6 billion kilowatt-hours in 1965 showed a 7.3 per cent increase over the 1964 primary energy demand.

POWER SUPPLY STATISTICS — 1965
(Figures for 1964 and Per Cent Change in *Italic Type*)

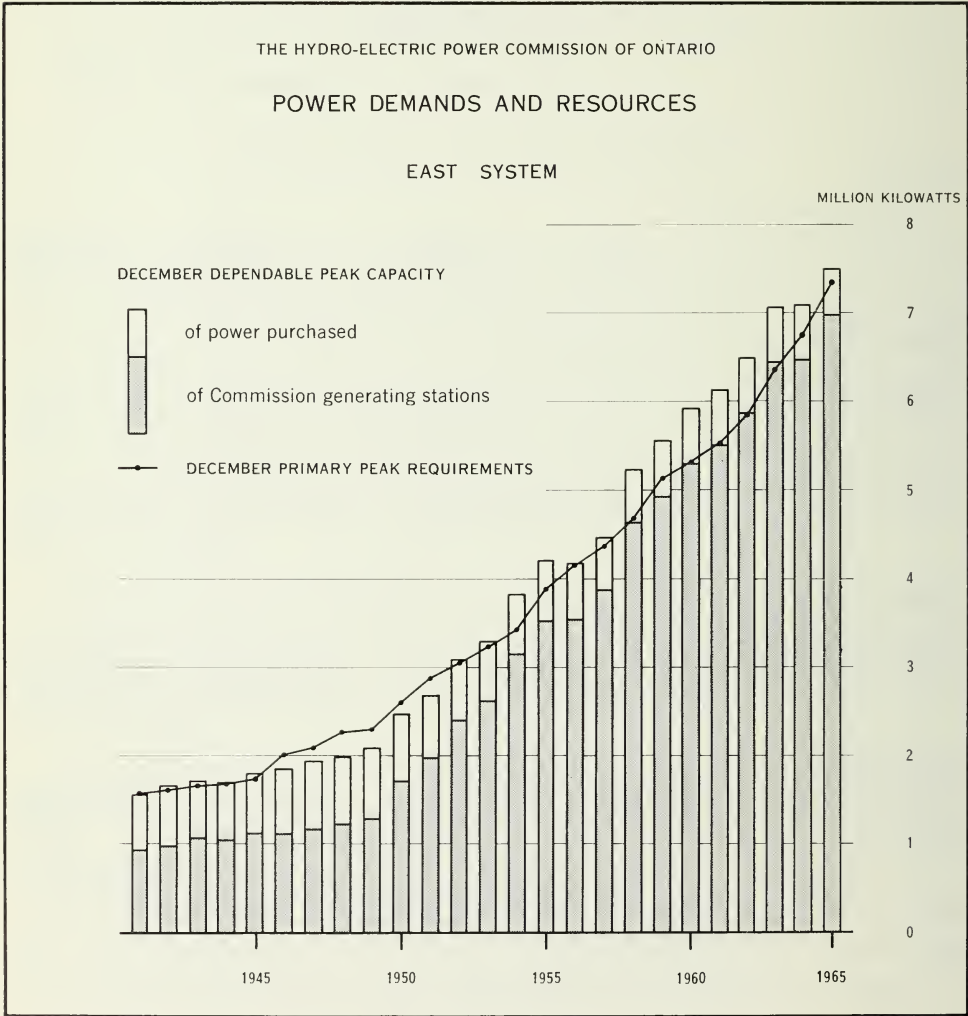
		East System	West System	Total
Resources				
Dependable peak capacity				
December	kw	7,512,650	686,500	8,199,150
	kw	<i>7,089,250</i>	<i>686,500</i>	<i>7,775,750</i>
		6.0%	—	5.4%
Requirements				
PRIMARY				
Peak—Annual maximum	kw	7,344,331	476,920	7,818,411*
	kw	<i>6,745,290</i>	<i>464,910</i>	<i>7,210,200*</i>
		8.9%	2.6%	8.4%
Energy—Total annual	kwh	40,471,751,780	3,112,397,539	43,584,149,319
	kwh	<i>37,643,614,970</i>	<i>2,987,871,666</i>	<i>40,631,486,636</i>
		7.5%	4.2%	7.3%
Loads				
PRIMARY AND SECONDARY				
Energy—Total annual	kwh	43,523,514,455	4,004,220,016	47,527,734,471
	kwh	<i>40,486,070,576</i>	<i>3,912,861,205</i>	<i>44,398,931,781</i>
		7.5%	2.3%	7.0%
PRIMARY ONLY				
Energy—For use in Ontario	kwh	40,399,362,297	3,112,397,539	43,511,759,836
	kwh	<i>37,317,596,630</i>	<i>2,987,871,666</i>	<i>40,305,468,296</i>
		8.3%	4.2%	8.0%
Total annual	kwh	40,471,751,780	3,112,397,539	43,584,149,319
	kwh	<i>37,643,614,970</i>	<i>2,987,871,666</i>	<i>40,631,486,636</i>
		7.5%	4.2%	7.3%

*These annual maxima are the arithmetic sum of the December coincident peaks for each system.

Total energy generated and purchased by the Commission during 1965 was greater by 7.0 per cent than in 1964. Thermal-electric stations produced approximately 10.8 billion kilowatt-hours, 25.5 per cent more than in 1964. Hydro-electric stations produced approximately 29.5 billion kilowatt-hours, 2.4 billion kilowatt-hours or 8.9 per cent more than in 1964.

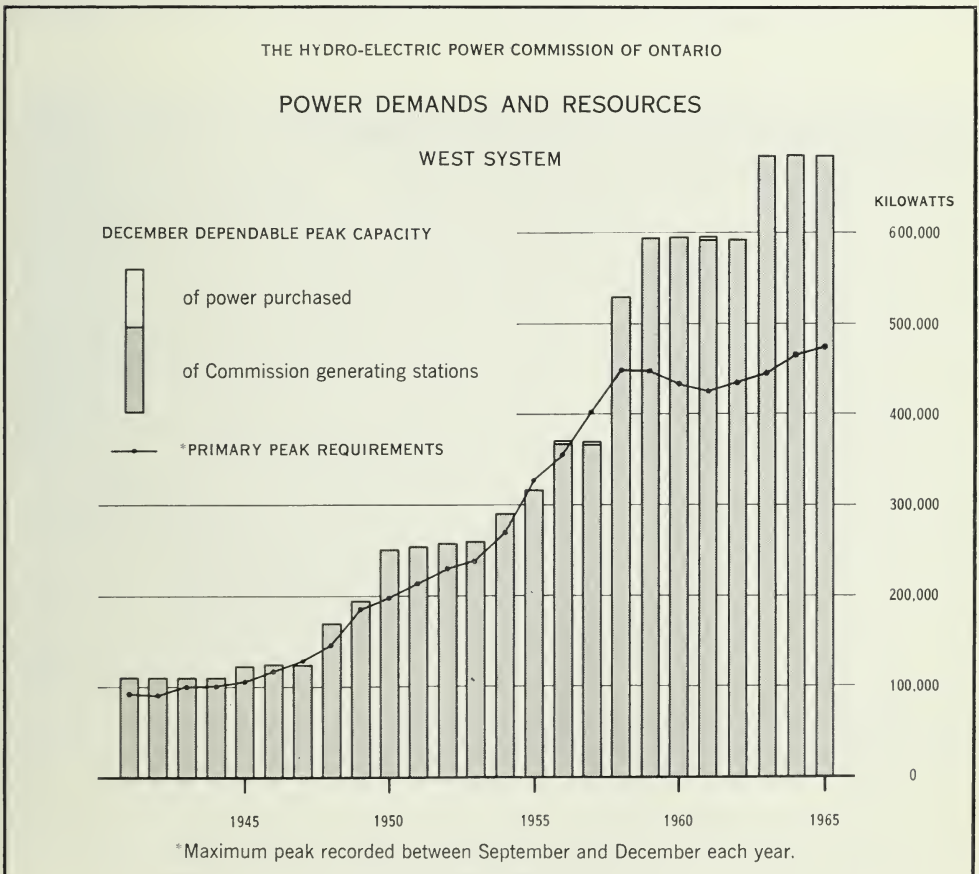
Part of the increase in output of the hydro-electric stations came from the newly commissioned Harmon Generating Station on the Mattagami River, where the first unit began producing power on May 20 and the second on July 28. In larger part, however, it was the result of a general improvement in river flows. Energy purchased by the Commission in 1965 was 16.9 per cent below the 1964 level, primarily because less energy was available from the Quebec Hydro-Electric Commission.

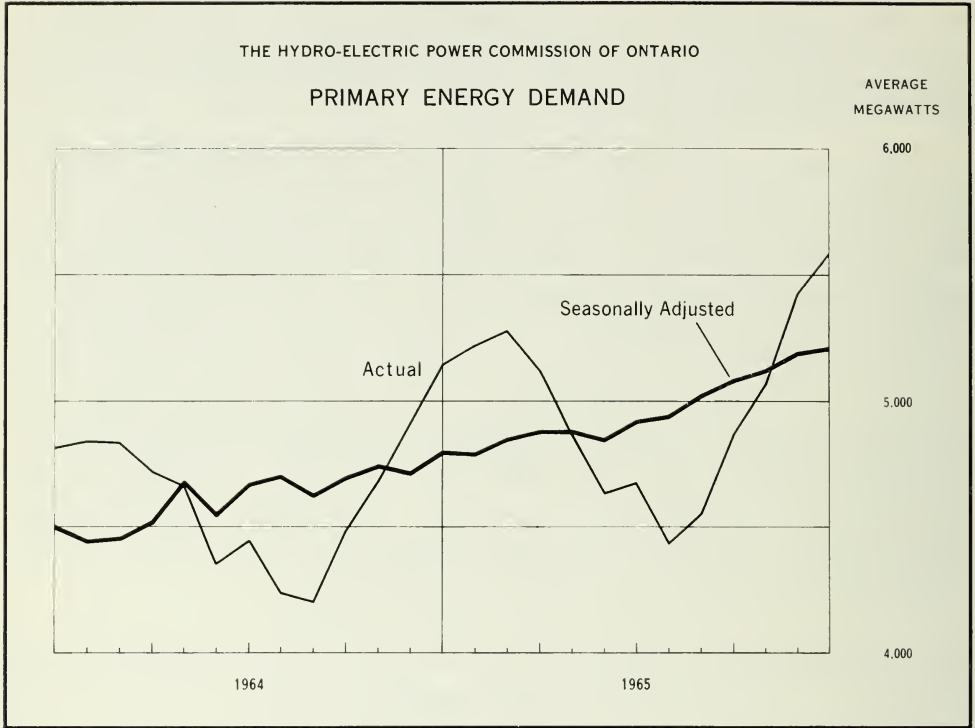
The dependable peak capacity of the power resources available in 1965 was 8,199,150 kilowatts. Additions to capacity during 1965, in addition to the two



hydro-electric units at Harmon Generating Station already mentioned, included two thermal-electric units at Lakeview Generating Station, and four combustion turbine generator units, two at A. W. Manby Transformer Station and two at Sarnia-Scott Transformer Station.

The increase in total dependable capacity provided by these units, however, was offset by two factors. One was an adjustment which recognized the Quebec Hydro-Electric Commission's right to withdraw at short notice the power supplied to Ontario Hydro by the Ottawa Valley Power Company if this power should be required in the Province of Quebec. The other factor was a change in procedure for establishing the total dependable capacity of hydraulic resources in the Commission's East System. As previously calculated, this capacity was the sum of the maximum outputs that would be available 85 per cent of the time at each of the hydro-electric stations. The new procedure, taking into account the effect of diversity in stream-flow conditions among the various watersheds, uses the combined coincident output that would be available 98 per cent of the time from all stations as a group. The resulting total dependable capacity, though somewhat lower than that provided by the former method, is considered to be more useful for planning purposes.





COMBINED SYSTEMS ENERGY DEMAND SEASONALLY ADJUSTED — The heavy black seasonally adjusted curve is a more readily interpreted and continuous indication of variation in the rate of growth than the actual curve, since the former is freed of the fluctuations associated with regularly recurring seasonal patterns. It indicates that the rate of growth in the last seven months of the year was much more rapid than that experienced between January and May.

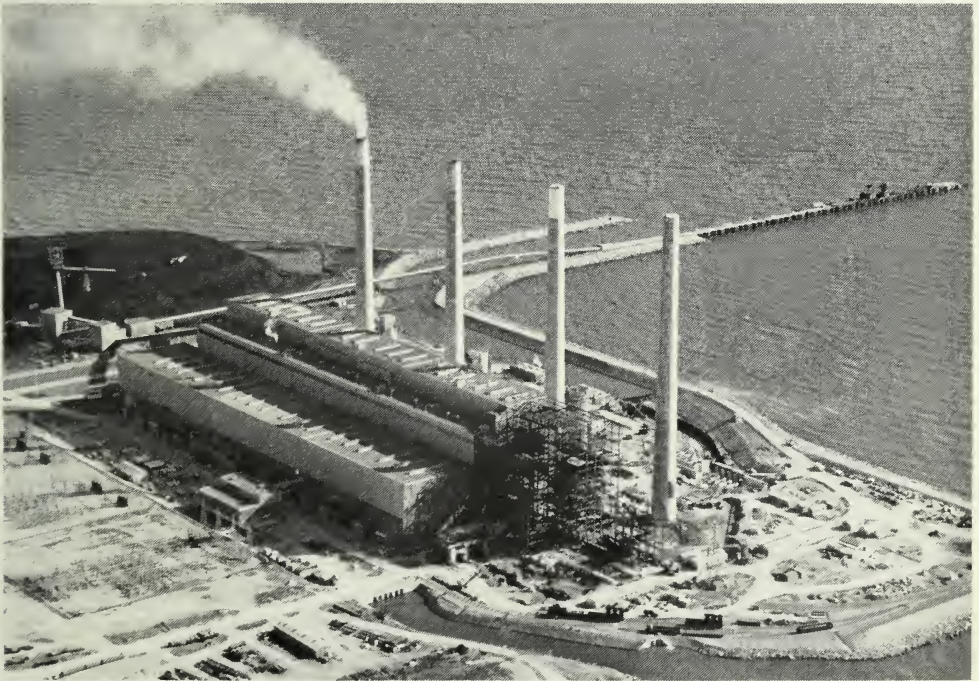
The combustion turbines installed at A. W. Manby and Sarnia-Scott Transformer Stations are the first of six purchased in 1965. Their operation in the East System will provide an increased margin of capacity and greater operational flexibility in the event of other equipment outage. In addition to the two units available at A. W. Manby Transformer Station at the time of the system peak in December 1965, the third unit there had been installed and a fourth was being installed, but neither was scheduled to be commissioned until early in 1966.

Because of the prevailing stream-flow and storage conditions, the Commission was increasingly dependent upon its thermal-electric resources. In the first eight months of the year, these resources produced about 60 per cent more energy than during the same period of 1964. In the year as a whole, they produced about 30 per cent of all energy generated on the East System, as compared with 27 per cent in 1964. The greater use of thermal-electric facilities resulted in an increase in coal consumption from approximately 3.1 million tons in 1964 to more than 3.9 million tons in 1965. In keeping with these growing coal requirements, longer-term arrangements have been made for the supply and delivery of coal from sources in eastern Canada and the United States, and

significant improvements in handling and shipping facilities have been introduced, with resulting reduction in the cost per ton delivered.

During the winter of 1964-65, new measures were introduced to lessen the adverse effects of ice on the production of power at the Niagara River stations. An ice boom totalling 10,000 feet in length was placed in Lake Erie at the entrance to the river. Installation of the boom, a joint undertaking of the Commission and the Power Authority of the State of New York, was completed in December 1964. The other measure, also a joint undertaking of the two power entities, was the operation of a heavy tug to break up ice forming in the lower Niagara River. Two ice breakers first placed in service late in 1962 continued their work in the upper river. These measures, and the ice boom in particular, have undoubtedly contributed to better control of ice, and to improved operation under winter conditions both in 1964-65 and in 1965-66.

The Queenston-Chippawa Power Canal was closed from the middle of May 1965 to the beginning of November to permit completion of the second stage of a two-year program of rehabilitation and enlargement. The canal, first closed in May 1964, had been re-opened at the end of October 1964 to allow the full use of generating facilities on the Niagara River during the months of heaviest power demands in the winter of 1964-65. The periods during which the canal was closed coincided closely with that part of the year when the daytime diversion



LAKEVIEW GENERATING STATION — At this coal-fired thermal-electric station on the shore of Lake Ontario just west of Metropolitan Toronto, the third and fourth units were placed in regular operation towards the end of 1965. Work continued during the year on the installation of the fifth and sixth units and on foundations and steel work for the seventh and eighth units. When completed in 1968, the station will have a total generating capacity of 2,400,000 kilowatts.



REHABILITATION AND ENLARGEMENT OF THE QUEENSTON - CHIPPAWA POWER CANAL — In a program carried out over a two-year period, the 45-year-old canal was deepened by up to 13 feet at some places and widened at others, such as the section shown here. More than 1.8 million tons of earth and rock were removed, and about 120,000 tons of concrete were placed. As a result, the flow capability of the canal has been increased by 6,500 cfs, thus providing for an 11 per cent increase in energy output at the Sir Adam Beck - Niagara Generating Stations.

of water for power purposes is more severely restricted under the Niagara River Diversion Treaty. During these periods any water allocated for use but not actually used at the Sir Adam Beck-Niagara Generating Stations was used in rented units at the Robert Moses Niagara Power Plant of the Power Authority of the State of New York. The energy generated from this water was delivered to the Commission.

The major power interruption which occurred on November 9 affected in varying degrees parts of the Commission's East System and an extensive area of the northeastern United States served by a number of interconnected utilities. The Commission's operating staff, taking full advantage of the operating flexibility provided by the system's large resources of hydro-electric power, were able to restore service almost completely on the East System in just over three hours.

The Commission and the interconnected utilities involved in the United States are determined to derive the maximum guidance from this experience, and have since formed the Northeast Power Co-ordinating Council. Representing twenty-two utilities from the area affected, the Council will promote maximum reliability and efficiency of electric service in the interconnected systems by extending the co-ordination of their system planning and operating procedures.

A new memorandum of understanding between the Power Authority of the State of New York and The Hydro-Electric Power Commission of Ontario was signed on January 19, 1965. In addition to the normal energy exchanges usually provided for in such agreements, this memorandum includes provisions that will permit the use of storage as well as the transfer of water and power to achieve maximum utilization of all power resources owned by the two entities at Niagara Falls and on the St. Lawrence River.

In response to applications made at a public hearing in February 1965, the National Energy Board, on March 16, granted ten-year licences for the export of interruptible power from the Commission's East and West Systems to neighbouring systems in the United States. At the same time, the Board granted a twenty-five-year licence for the export of the small amount of firm power required to operate the Iroquois Dam on the St. Lawrence Seaway.

Contracts for the export of 45,000 kilowatts of firm power to the Niagara-Mohawk Power Corporation and for the purchase of 15,000 kilowatts of 25-cycle power from the Canadian Niagara Power Company were both terminated on March 31, 1965. This export of 45,000 kw to the United States dates back to an agreement made in July 1904 between the Ontario Power Company and the Niagara Lockport and Ontario Power Company, an agreement which the Commission continued to honour after the purchase of the Ontario Power Company in 1917. The purchase of the 15,000 kw from the Canadian Niagara Power Company was negotiated under an agreement dated December 3, 1922, and renegotiated in 1950, at which time its duration was made to coincide with that of an agreement, also rewritten in 1950, for the delivery to the Niagara Mohawk Power Corporation of the 45,000 kw formerly exported to the Niagara, Lockport and Ontario Power Company.

These contracts were made renewable on a year-to-year basis for a maximum of five years commencing April 1, 1960, and were terminated in 1965.

A new agreement between The Hydro-Electric Power Commission of Ontario and the Quebec Hydro-Electric Commission, effective September 1, 1965, revises and consolidates operations which provide for the wheeling of power to north-western Quebec from southern Quebec and other points of supply in north-western Quebec by way of The Hydro-Electric Power Commission's East System network.

A new 53-mile, 115-kv transmission line between Hollingsworth Falls Generating Station of the Great Lakes Power Corporation and Chapleau Township was energized on August 21, 1965. Under a new agreement with the Corporation, power delivered over this line to the township is supplied to The Hydro-Electric Power Commission of Ontario at rates and under conditions similar to those which apply to power delivered to the company over an interconnection with the Commission's East System at George W. Rayner Generating Station.

Two 500-kilowatt diesel-electric units owned by the Commission, installed in the plant of Chapleau Electric, Light and Power Company, and used by the Company to meet peak requirements in the township, were removed from service at the end of August as a change in distribution voltage and transfer of load to the new supply had then been completed.

The section of the extra-high-voltage line between R. H. Martindale Transformer Station and Essa Transformer Station was placed in service on June 30 at 230 kv. During June also, over 30 miles of double circuit 44-kv line from DeCew Falls Generating Station to Hamilton-Beach Transformer Station, constructed early in this century to supply power to Hamilton, were removed from service. Much of the line will be retained for future use at 27.6 kv for supply to rural areas while power from the DeCew Falls Generating Station No. 1 will be supplied to the 115-kv network. The 44-kv circuits within the City of Hamilton were removed to permit construction of a four-circuit, 230-kv power line to Hamilton-Beach Transformer Station.

Thermal-Electric Stations

During 1965 the Commission undertook to install additional electrostatic precipitators on Units 6, 7, and 8 at Richard L. Hearn Generating Station, the objective being improved efficiency in fly-ash control. The over-all efficiency of the precipitator systems on these units will be raised from its present high level to above 99.5 per cent, equivalent to that of the precipitator systems to be installed on projected units at Lakeview and Lambton Generating Stations, and more than sufficient to meet the requirements of air pollution control authorities.

At thermal-electric generating stations in both Europe and North America, on-load corrosion of the inside surfaces of boiler tubes has for some years seriously hindered the use of boilers which operate at pressures in excess of 1,500 psi. With increased use of thermal-electric generation, the condition has now begun to affect units operated by the Commission, having appeared first at Richard L. Hearn Generating Station in 1964, and then at Lakeview Generating Station in 1965. In order to reduce to a minimum the incidence of boiler-tube failures caused by the condition, a program for the acid-cleaning of all boilers operating at pressures higher than 1,500 psi was begun in 1964. The program was completed in 1965, and is to be repeated at regular intervals until a more economical way of controlling the condition can be found.

During the months of December 1964 and January and February 1965, the Nuclear Power Demonstration Station at Rolphton on the Ottawa River was operated almost continuously at maximum capacity. The capacity factor attained with the 20,000-kilowatt nuclear-electric unit during the three-month period was approximately 98 per cent. During the off-peak period in 1965, changes were introduced which have resulted in improved performance and efficiency. Those modifications which are found to be effective in improving the performance and efficiency of the prototype unit are adapted and incorporated in the design of the much larger nuclear-electric units to be installed at Pickering Generating Station, now under construction.

Another vital function of the Nuclear Power Demonstration Station is to provide on-the-job training of personnel required to staff nuclear-electric stations of similar general design, which are now under construction or planned. To this end a Nuclear Training Centre was established at Rolphton in 1962, and a special building which provides classrooms and laboratories for the Centre was completed in 1965. Staff in training at the Centre include not only Ontario Hydro employees, but also power utility personnel from the Province of Quebec, and from India and Pakistan.

MAINTENANCE OF THE SYSTEMS

Mechanical Maintenance

A vibration analyser was used in 1965 for the dynamic balancing of sixteen items of auxiliary equipment at thermal-electric stations. The use of this device for simple balances—the balance of fans and boiler-feed-pump fluid-drives, for example—permits information obtained in balancing the first unit of a particular model to be reapplied in the balancing of further units of the same model. This leads to a reduction in the time required for trial runs—a significant advantage when outage time is limited.

Vacuum exhaust systems, designed to remove oil vapour from generator guide bearings and thus to prevent contamination of the generator, were installed on two generating units at Sir Adam Beck-Niagara Generating Station No. 1 in 1965. A similar system had been installed on the frequency-changer at the station in 1964. All three installations work well, reducing to a minimum oil leakage that previously had been excessive.

Several makes of compact, battery-operated ultrasonic test instruments were evaluated for possible use in maintenance work where measurement of thickness is required. This type of instrument was later used at Lakeview Generating Station to test the thickness of boiler tubes, and at DeCew Falls Generating Station No. 1, where a leak had developed in the penstock of Unit 9. In determining the remaining thickness of the steel wall of the penstock at the points where it rests on concrete piers, the non-destructive testing made possible by the ultrasonic equipment was found to be more economical than other methods which would have entailed the removal of part or all of the concrete of the piers. The equipment and the experience gained in its use will be valuable in inspections of penstocks at other hydro-electric stations throughout the Commission's systems.

In order to protect the Cornwall dike at Robert H. Saunders-St. Lawrence Generating Station from erosion by wave action, remedial work was begun in 1965 and will be continued into 1966. The work consists of the placement of about 50,000 tons of rock with a minimum thickness of 24 inches on the upstream slope of the dike along about $2\frac{1}{2}$ miles of its $3\frac{1}{2}$ -mile length. Under the Joint Works Agreement which covers the operation and maintenance of the St. Lawrence International Power Development, the costs of the work will be shared equally by the Commission and the Power Authority of the State of New York.

Electrical Maintenance

Over the past four or five years, studies have been in progress to develop means whereby the Commission's electrical maintenance program can be continuously kept up to date, particularly those parts of the program related to the maintenance of the more conventional items of equipment.

Historically, from the first years of the Commission's operations to the early 1930's, repairs were effected by travelling crews when the equipment failed. As the system grew, a higher level of security became necessary, and routine maintenance procedures were introduced under which overhauls were carried

out at regular intervals, for the most part annually. In this way an adequate level of security was provided. However, with system growth, higher costs, and increased flexibility inherent in the system circuitry, it became obvious that a careful analysis of this approach was required.

First, a technical analysis was made of the inspections, tests, and maintenance work necessary to ensure that equipment remains in adequate operating condition. This led to recognition of a need to be selective in choosing the intervals at which these operations should be carried out. The location in the system of a particular device affects in two ways the frequency of inspection and maintenance operations required to ensure adequate reliability. Its location in the system not only implies certain conditions of service—the surrounding atmosphere, frequency of equipment use, load, etc., but it also has a bearing on the degree of reliability required of the device. For any device, therefore, the frequency of maintenance desirable to provide a certain level of system security, is a function of its location in the system. It cannot be defined on a system-wide basis for all similar devices.

In this analysis, the methods used in carrying out inspection and maintenance work came under close scrutiny, and standard procedures with associated standard times were developed for the work on a large proportion of the equipment.



BARE - HAND WORK ON A TRANSMISSION LINE OPERATING AT 230,000 VOLTS — In September 1965, representatives from a number of power utilities in various parts of Canada and the United States observed or participated in a demonstration of live-line techniques held near Barrie, Ontario. In the photograph, a lineman clad in a metallized suit and working bare-handed from an insulated ladder, is preparing to change a string of insulators on the Commission's extra-high-voltage line, then operating at 230,000 volts. Similar techniques will be used when the line is converted to 500,000-volt operation.

With these standard procedures and times, and defined frequencies for operations on various items at various locations determined along the lines described above, a new electrical maintenance work program was developed. In general the intervals between major maintenance operations are longer, and inspections and operational checks intended to indicate trends are more frequent than either were under the previous method. By eliminating unnecessary operations, and by placing stress on those operations which produce the highest return in dependability, the program should result in significant economies in the maintenance operation, while at the same time preserving the required level of system security.

The work program is complemented by a work reporting system which measures work effectiveness and thus makes it possible to determine the degree of success attained in meeting the objective of providing adequate security at minimum cost.

Line Maintenance

In September 1965, representatives from a number of electrical utilities in Canada and the United States witnessed a demonstration of maintenance work on the Commission's extra-high-voltage line near Barrie, Ontario. During the demonstration, linemen changed insulators on the live circuit with the use of live-line tools, and also made bare-hand contact with the line from an insulated ladder. Although the line was operating at 230 kv at the time, the techniques used were those that will apply when it is operating at 500 kv.

Until the middle of 1965, live-line work with rubber gloves was limited, by the insulating capability of the available gloves, to work on lines operating at potentials of up to 5,000 volts. With the trend to change the operating voltage of distributing lines from 4,000 volts to 8,000 volts, the continued application of this limitation required live-line tools to be used for increasing proportions of live-line work on distribution lines. Since July 1965, when improved gloves with greater insulating capability were introduced, linemen have been able to work with gloves on live lines operating at potentials of up to 10,000 volts. At these voltages live-line work can be carried out with the new gloves as safely as with live-line tools, and as a result, substantial savings in distribution line maintenance costs are expected.

The transmission capability of two 115,000-volt underground circuits between Mill Street Junction and Toronto-Gerrard Transformer Station was increased in the fall of 1965 when a system which circulates the nitrogen gas that is maintained under pressure in the cable pipes was placed in use. The circulation of the gas through the pipes permits a larger proportion of the heat generated in the conductors to be dissipated along sections of the circuits where the thermal conductivity of the surrounding soil is high, and thus permits the circuits to carry greater loads without overheating at places where the thermal conductivity of the surrounding soil is low. The system was installed and tested in 1957, but up until 1965 loads on the circuits did not increase to a level which required it to be used.

The Commission's fleet of ten helicopters continued to provide valuable assistance in both construction and maintenance work during 1965. The machines spent a total of 5,740 hours in the air during the year. Work carried out during these hours included assistance in the survey and construction of transmission lines and transmission line patrols covering over 160,000 circuit miles.

Forestry

The increased use of efficient labour-saving mechanical equipment, together with improvement in work programming, has increased by more than 3 per cent

the productivity of forestry operations, which during 1965 were carried out along more than 18,000 miles of transmission and rural distribution lines. Studies of forestry requirements based on maintenance cycles validated by experience were carried out in the Niagara and Central Regions. Further studies of this kind are being considered with a view towards the ultimate establishment of an optimum balance of staff, mechanization, and work load throughout all regions in the Commission's systems.



AERIAL BUCKET EQUIPMENT USED IN TREE TRIMMING — Maintenance equipment easily identified by the new Ontario Hydro corporate symbol is a familiar sight on the roads of the province as foresters and line crews carry out their work.

It was necessary during 1965 to remove approximately 15,000 trees which had been either killed or severely affected by Dutch elm disease. Efforts to develop a satisfactory means of combatting the disease have not yet been successful, though the Commission continues to use DDT or methoxychlor on the limited number of trees treated on its own property.

A new piece of spray equipment, the hydraulic boom, used in operations for the first time in 1965, will enable forestry forces to spray up to four times the area of rural right of way possible under the previous methods. The aerial bucket is also a conspicuously time-saving item of equipment, and 25 are now regularly in use in forestry operations.

Reforestation was continued in the Eastern and Northeastern Regions with the planting of more than 30,000 trees.

Supply

Purchase orders for a total in excess of \$250 million were issued by the Commission in 1965. The major items were fuel for the coal-fired thermal-electric stations and equipment for Lambton and Pickering Generating Stations. Important new agreements were made with coal-mining companies, railroads and lake navigation companies regarding the Commission's long-term coal and transportation requirements.

An important step in a program for improved inventory control was taken late in 1965 when all materials reporting was transferred from punched-card to electronic-computer control.

Service, Transport, and Work Equipment

New articulated wheel tractors for use in transmission-line right-of-way maintenance were delivered to the field in 1965. These incorporate modifications and design features which experience with earlier prototypes had indicated as necessary, particularly regarding stability over rough terrain. Three cranes of the largest model now in general use have been ordered for construction operations at Pickering Generating Station. Selected for their stability in handling materials in the construction of large buildings, they have a tower height of 213 feet, a working reach of 164 feet, and a load capacity of about six tons at maximum operating radius. The tower is telescopic for work at different heights as the building progresses.

The running cost per mile for transport equipment in the Regions continued to decrease in spite of rising costs of equipment and services. Over the past five-year period, the cost has been reduced by two cents per mile for about 16 million miles annually. This reduction represents a yearly saving of more than \$300,000.



At the A. W. Manby Service Centre, a comprehensive display of transport and work equipment was provided by manufacturers in the spring of 1965. The radial arm derrick and digger in the foreground was of particular interest to operating staffs of Ontario Hydro and associated municipal utilities. Immediately behind, an aerial bucket demonstrates the convenience of its operation for work on conductors or tree trimming.

In the Research Section of the 1964 Report, reference was made to a study of meter-reverification needs. In the program then under way, the Commission

applied statistical principles to meter sampling and testing. With the approval and co-operation of the Standards Branch of the Federal Department of Trade and Commerce, the Commission will no longer be required to recall single-phase meters of modern design for reverification at eight-year intervals. If statistical sampling indicates no deterioration, the period in which no reverification is required may be two to three times as long as it has been in the past, with consequent savings in cost. Greater flexibility in administration and use of meter inventory will also result from an agreement reached in 1965 with the Branch, which will permit billing meters to be freely moved within one Government Inspection District coextensive with the province rather than require that they be restricted to one of several Districts into which the province was formerly divided.

SECTION II

FINANCE

THE Balance Sheet and the Statement of Operations are included in this section of the Report, together with the Summary of the Allocation of the Cost of Primary Power and three other statements (1) Equities Accumulated through Debt Retirement Charges, (2) Reserve for Stabilization of Rates and Contingencies and (3) Source and Application of Funds. Supporting statements and schedules are in Appendix II, which includes a detailed statement of the allocation of the cost of primary power. This statement itemizes for each municipality its share of the total cost of power, the amount billed under its interim rate and the resulting refund or additional charge.

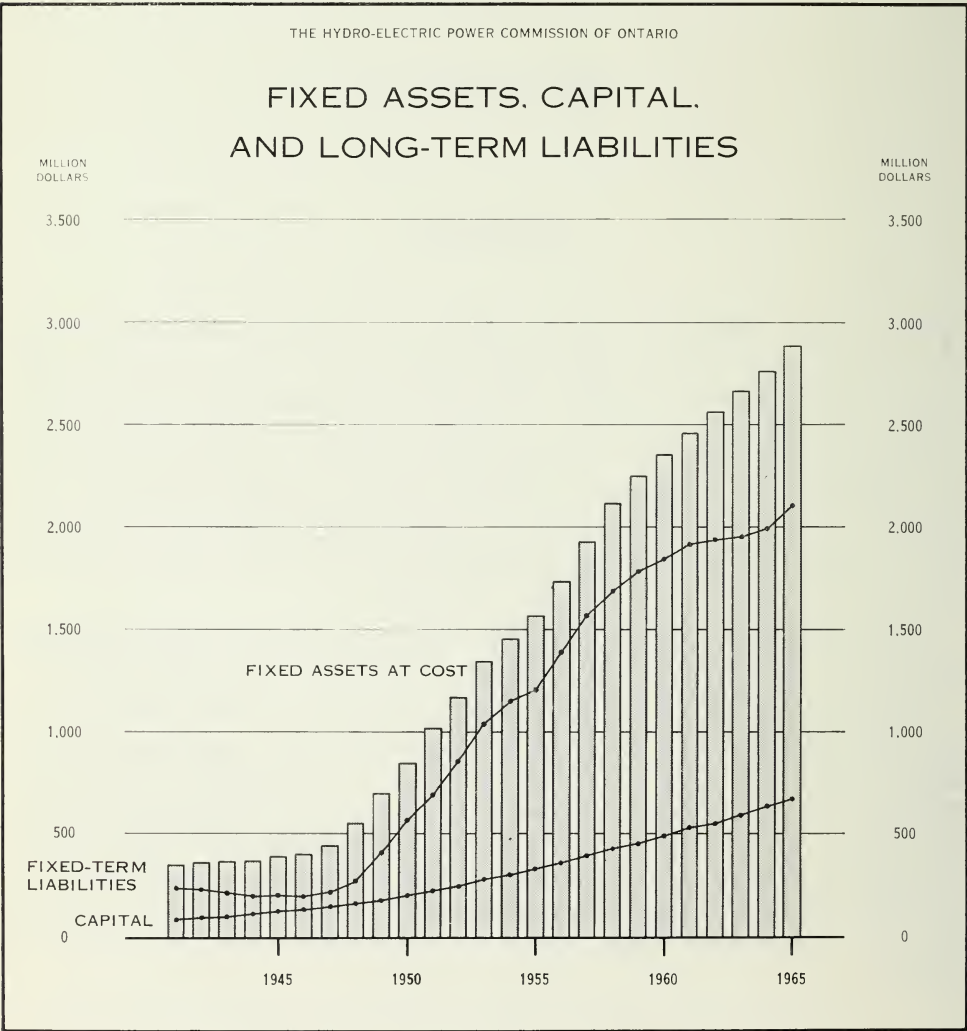
The statement of assets held for the pension and insurance and the savings and insurance funds is set out separately in the Staff Relations section on page 89.

The customers of the Commission are subdivided into three main groups. The group designated as Municipalities comprises the municipal electrical utilities served with power at cost for resale to their customers. The second group is the Direct Customers. These are for the most part industrial companies, some located within the boundaries of the Municipalities and some outside these boundaries, but all served directly by the Commission. Finally there are the Retail Customers of the Commission located either in rural areas or in certain towns, townships, and villages where the Commission owns the distribution facilities.

Financial Position

Fixed assets less accumulated depreciation increased by \$98.7 million during the year, and at December 31, 1965 amounted to \$2,461.3 million.

The expenditures on fixed assets during the year amounted to \$150.0 million, including outlays of \$35.8 million on hydro-electric generating facilities and \$54.6 million on thermal-electric generating stations. Expenditures of \$18.7 million on transformer stations and \$19.7 million on transmission lines included \$4.8 million on extra-high-voltage stations and \$6.3 million on extra-high-voltage lines. The expenditure on retail facilities amounted to \$18.1 million. The major expenditures on hydro-electric generating facilities were \$16.4 million on the Mattagami River projects, \$9.3 million on the Mountain Chute project on the Madawaska River, and \$6.1 million on the Queenston-Chippawa Canal. The total outlay on thermal-electric generating stations includes the expenditure of





KIPLING GENERATING STATION — MATTAGAMI RIVER — This photograph taken in June 1965 shows construction of the headworks and the two-unit powerhouse in a dry area within cofferdams extending from the west bank of the river. The flow of the river passes through two ports in the base of the dam into the diversion channel near the east bank. The two 62,700-kilowatt units are expected to be ready for service in the summer of 1966.

\$35.0 million at the Lakeview Generating Station and \$10.5 million on combustion turbines.

The Commission's fixed-term liabilities amounted to \$2,106 million at December 31, 1965, reflecting a net increase of \$106.8 million in 1965. During the year the Commission issued bonds amounting in total to \$75 million (Canadian) and \$50 million (U.S.), and in addition, notes with maturities of up to three years, of which \$70.4 million were outstanding at December 31, 1965.

Equities accumulated through debt retirement charges increased by \$39.3 million during 1965 to an accumulated amount of \$553.4 million at the year end. Of the amount provided, \$29.2 million were used to retire bonds and to repay provincial advances.

The balance in the Reserve for Stabilization of Rates and Contingencies amounted to \$138.0 million at the end of 1965, up \$4.7 million from the balance at the end of 1964. This reserve has been established to absorb the effects on cost of variations in stream-flow, the possibility of loads varying from the levels forecast, major physical damage to plant and equipment or their premature retirement, exchange risk on debt payable in United States funds, and other contingencies arising in the operations of the Commission. It is not used to offset normal increases in cost.

Revenues

Revenues for the year 1965 amounted to \$311.3 million, larger by 7.8% than those in the previous year. As there were no significant changes in rates, the higher revenues in 1965 were a reflection of the increased demands for power. The revenue from municipalities amounted to \$185.4 million, up 10.5% over revenue in 1964. Revenue from the Commission's retail customers amounted to \$75.9 million, which was greater by 6.9% than that in the previous year. Revenue from sales to customers served directly by the Commission with power in bulk was relatively unchanged at \$49.9 million.

Costs

Costs before reserve withdrawals rose from \$300.7 million in 1964 to \$312.8 million in 1965, or by 4.0%. Cost of fuel increased by \$7.6 million, a reflection of the expanded operation of thermal-electric generating stations. Other factors contributing to higher costs were an increase of \$2.7 million in the provision for depreciation, reflecting the continuing growth of fixed assets in service, and an increase of \$3.3 million in operating, maintenance and administrative expenses. Partly offsetting the above increases, power purchased was \$5.1 million less than



CENTRAL CONTROL ROOM AT DOUGLAS POINT NUCLEAR POWER STATION — This complex instrumentation provides for constant visual monitoring of system temperatures and flows, neutron flux in the reactor, and many other conditions, and permits manual control when necessary. Although analogue computers are used for primary regulation, the station features a digital computer for some regulatory functions, and is thereby paving the way for extensive use of digital computers at Pickering Generating Station.

in 1964. The withdrawal from the Reserve for Stabilization of Rates and Contingencies required to offset abnormal costs was \$2.0 million, or \$9.5 million less than in 1964 because average stream flows had improved over the previous year, and loads were greater than those forecast when facilities were planned. After this withdrawal, the total cost allocated to customers in 1965 was \$310.8, up 7.5% over the corresponding cost in 1964.

THE HYDRO-ELECTRIC POWER

BALANCE SHEET AS AT

(with comparative figures)

ASSETS

	1965	1964
	\$	\$
FIXED ASSETS		
Plant in service at cost.....	2,753,704,390	2,640,079,934
Less accumulated depreciation.....	432,526,924	399,684,737
	2,321,177,466	2,240,395,197
Plant under construction at cost.....	140,118,458	122,154,822
	2,461,295,924	2,362,550,019
CURRENT ASSETS		
Cash.....	3,107,187	2,029,816
Short-term investments (Note 1).....	74,938,360	14,200,000
Accounts receivable.....	46,242,480	40,197,811
Coal at cost.....	21,939,292	21,109,376
Tools and equipment at amortized cost.....	14,035,536	13,177,475
Other materials and supplies at cost.....	14,095,439	11,951,194
	174,358,294	102,665,672
DEFERRED CHARGES AND OTHER ASSETS		
Frequency standardization cost less amounts written off.....	128,051,088	143,445,954
Discount and expense on bonds and notes payable less amounts written off.....	21,835,332	22,018,986
Long-term accounts receivable.....	4,746,248	3,927,303
Other assets.....	8,312,009	5,285,023
	162,944,677	174,677,266
INVESTMENTS (Note 2)		
Investments held for:		
Reserve for stabilization of rates and contingencies.....	134,022,855	138,201,477
Debt retirement fund.....	51,437,468	43,122,729
Employer's liability insurance fund.....	3,238,338	3,234,537
	188,698,661	184,558,743
	2,987,297,556	2,824,451,700

AUDITORS' REPORT

We have examined the balance sheet of The Hydro-Electric Power Commission of Ontario as at December 31, 1965 and the statements of operations and source and application of funds for the year ended on that date. Our examination included a general review of the accounting procedures and such tests of accounting records and other supporting evidence as we considered necessary in the circumstances.

In our opinion, the accompanying balance sheet and statements of operations and source and application of funds present fairly the financial position of the Commission as at December 31, 1965, the results of its operations and the changes in its working capital for the year ended on that date.

CLARKSON, GORDON & CO.,

Chartered Accountants.

Toronto, Canada,
March 21, 1966.

COMMISSION OF ONTARIO

DECEMBER 31, 1965

as at December 31, 1964)

LIABILITIES, CAPITAL AND RESERVE

	1965	1964
	\$	\$
FIXED-TERM LIABILITIES		
Bonds payable:		
In Canadian funds	1,641,030,600	1,654,428,300
In United States funds (\$384,466,000 U.S.)	387,240,224	335,741,734
Notes payable in Canadian funds	70,400,000	—
Advances from the Province of Ontario payable optionally in United States funds	7,453,263	9,102,657
Total, including \$137,662,000 maturing in 1966	2,106,124,087	1,999,272,691
CURRENT LIABILITIES		
Accrued interest	29,621,765	28,105,614
Accounts payable and accrued charges	32,791,357	23,136,354
	62,413,122	51,241,968
DEFERRED LIABILITIES		
Customers' deposits	5,208,145	5,042,459
Employer's liability insurance fund	3,505,072	3,257,167
	8,713,217	8,299,626
CAPITAL AND RESERVE		
Contributed capital:		
Equities accumulated through debt retirement charges . . .	553,434,708	514,141,475
Province of Ontario, assistance for rural construction (Note 3)	118,584,980	118,183,442
	672,019,688	632,324,917
Reserve for stabilization of rates and contingencies	138,027,442	133,312,498
	810,047,130	765,637,415
	2,987,297,556	2,824,451,700

See accompanying notes on page 35

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

STATEMENT OF OPERATIONS

for the Year Ended December 31, 1965

(with comparative figures for 1964)

	1965	1964
	\$	\$
REVENUES		
Municipalities	185,409,040	167,721,134
Retail customers	75,944,902	71,072,737
Direct customers	49,946,079	50,020,452
	<u>311,300,021</u>	<u>288,814,323</u>
COSTS		
Operating, maintenance and administrative expense	92,042,570	88,741,299
Interest (Note 4)	73,234,352	71,903,937
Depreciation	42,863,800	40,129,173
Debt retirement charge	38,960,777	37,153,668
Fuel used for electric generation	35,791,749	28,223,435
Amortization of frequency standardization cost (Note 5)	20,681,081	19,442,529
Power purchased	13,031,906	18,166,473
Sales of secondary energy	3,805,835	3,104,752
Total before reserve withdrawals	<u>312,800,400</u>	<u>300,655,762</u>
Withdrawals from the reserve for stabilization of rates and contingencies (Note 6)	<u>2,047,946</u>	<u>11,507,117</u>
	310,752,454	289,148,645
Transferred to the reserve for stabilization of rates and contingencies—direct and retail customers	<u>547,567</u>	<u>334,322</u>
	<u>311,300,021</u>	<u>288,814,323</u>

See accompanying notes on page 35

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
SUMMARY OF THE ALLOCATION OF THE COST OF
PRIMARY POWER

for the Year Ended December 31, 1965

	MUNICI- PALITIES	DIRECT CUSTOMERS		RETAIL CUSTOMERS	TOTAL
		Within Municipalities	Outside Municipalities		
PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR				(Note 7)	
Average of 12 monthly peaks in kilowatts	4,479,698.0	427,877.8	813,571.1	851,267.7	6,572,414.6
Total energy in megawatt-hours	26,841,879.1	3,221,864.9	5,883,268.2	4,696,393.1	40,643,405.3
	\$	\$	\$	\$	\$
COST OF PRIMARY POWER					
Cost excluding items shown below	177,093,139	17,201,365	32,842,625	73,333,641	300,470,770
Frequency standardization assessments (Note 5)	17,026,897	463,078	765,155	2,076,478	20,331,608
Credits resulting from matured debt retirement funds	7,272,119	523,044	41,094	165,721	8,001,978
Total, before reserve withdrawals	186,847,917	17,141,399	33,566,686	75,244,398	312,800,400
Withdrawals from the reserve for stabiliza- tion of rates and contingencies (Note 6)	1,438,877	124,530	236,784	247,755	2,047,946
Cost of primary power allocated to customers	185,409,040	17,016,869	33,329,902	74,996,643	310,752,454
AMOUNTS BILLED FOR PRIMARY POWER	183,178,753	16,608,348	33,337,731	75,944,902	309,069,734
EXCESS (Deficiency) OF AMOUNTS BILLED OVER COSTS					
Charged to Municipalities	2,230,287				2,230,287
Transferred to the reserve for stabilization of rates and contingencies		408,521	7,829	948,259	547,567

See accompanying notes on page 35.

THE HYDRO-ELECTRIC POWER
EQUITIES ACCUMULATED THROUGH
for the Year Ended

	ALLOCATED	
	Municipalities	Rural Power District
	\$	\$
Balances at December 31, 1964.....	371,211,692	85,338,168
Add:		
Interest at 4% per annum.....	14,848,468	3,413,527
Direct provisions.....	17,847,176	8,549,920
Credits resulting from matured debt retirement funds.....	7,795,163	206,815
Indirect provisions.....	248,242	84,214
Equity transferred through annexations..	535,206	535,206
Balances at December 31, 1965.....	396,895,621	96,643,808

RESERVE FOR STABILIZATION
for the Year Ended

	HELD FOR THE BENEFIT OF ALL CUSTOMERS
	\$
Balances at December 31, 1964.....	116,632,433
Add:	
Interest for the year at rates approximating the earnings on investments held for the reserve.....	5,617,712
Excess (Deficiency) of amounts billed over costs to direct and retail customers	122,250,145
Deduct:	
Withdrawals in the year applied in reduction of cost of power:	
General (Note 6).....	1,912,851
Low-voltage cost relief.....	152,612
Net loss on redemption of bonds payable and sale of investments.....	2,065,463
Balances at December 31, 1965.....	120,184,682

See accompanying

COMMISSION OF ONTARIO
DEBT RETIREMENT CHARGES
December 31, 1965

UNALLOCATED (Note 8)		TOTAL
Province of Ontario	Administrative and Service Buildings and Equipment	
\$ 52,749,254	\$ 4,842,361	\$ 514,141,475
2,109,970	193,694	20,565,659
.....	.....	26,397,096
.....	.....	8,001,978
.....	.....	38,960,777
.....	.....	332,456
.....
54,859,224	5,036,055	553,434,708

OF RATES AND CONTINGENCIES
December 31, 1965

HELD FOR THE BENEFIT OF CERTAIN GROUPS OF CUSTOMERS					TOTAL
Municipalities		Direct Customers		Retail Customers	
Low-Voltage Cost Relief	Former Thunder Bay System	Within Municipalities	Outside Municipalities		
\$ 1,081,163	\$ 247,896	\$ 3,065,391	\$ 8,591,076	\$ 3,694,539	\$ 133,312,498
43,247	11,921	147,429	413,184	177,689	6,411,182
.....	.....	408,521	7,829	948,259	547,567
1,124,410	259,817	2,804,299	9,012,089	4,820,487	140,271,247
.....	135,095	.....	.....	.....	2,047,946
43,247	.....	.....	.....	.....	43,247
.....	.....	.....	.....	.....	152,612
43,247	135,095	.....	.....	.....	2,243,805
1,081,163	124,722	2,804,299	9,012,089	4,820,487	138,027,442

notes on page 35.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
STATEMENT OF SOURCE AND APPLICATION OF FUNDS
for the Year Ended December 31, 1965
(with comparative figures for 1964)

	1965	1964
	\$	\$
Funds Provided		
Operations—		
Depreciation.....	42,863,800	40,129,173
Debt retirement charge.....	38,960,777	37,153,668
Frequency standardization—amortization of cost, less interest on the account.....	15,394,866	13,523,653
Interest added to reserve for stabilization of rates and contingencies.....	6,411,182	6,440,651
Withdrawals from reserve for stabilization of rates and contingencies.....	2,047,946	11,507,117
Excess (<i>Deficiency</i>) of direct and retail customers revenue over cost.....	547,567	334,322
Other items.....	4,116,114	4,385,254
Total funds provided from operations.....	106,246,360	89,790,960
Proceeds from issues of bonds and notes, less retirements.....	104,254,592	35,412,461
	<u>210,500,952</u>	<u>125,203,421</u>
Funds Applied		
Expenditures on fixed assets, less proceeds from sales, etc.....	142,955,638	103,279,808
Purchases of general and debt retirement fund investments, less proceeds from sales and maturities.....	3,989,243	15,200,958
Miscellaneous.....	3,034,603	827,178
	<u>149,979,484</u>	<u>117,653,588</u>
Increase in working capital (mainly short-term investments in 1965).....	60,521,468	7,549,833
	<u>210,500,952</u>	<u>125,203,421</u>

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

NOTES TO FINANCIAL STATEMENTS

As at December 31, 1965

1. Short-term investments are shown at cost, which approximates market value, and at December 31, 1965 consist of interest-bearing deposits in banks and trust companies \$67,288,185, a commercial note \$4,000,000 and government and government-guaranteed bonds \$3,650,175.
2. Government and government-guaranteed bonds in the investment portfolios at December 31, 1965 total \$188,698,661 at amortized cost, and have an approximate market value of \$181,519,000.
3. The Province of Ontario contributed \$401,548 during 1965 as assistance for rural construction.
4. Interest cost includes interest on fixed-term liabilities and the reserve for stabilization of rates and contingencies, less interest capitalized and interest earned on investments.
5. The 1965 frequency standardization assessments comprise charges to certain customers based on the average of their 12 monthly peaks as follows:

\$5.00 per kilowatt to all 60-cycle customers in the standardized area of the former Southern Ontario System.....	\$19,432,029
\$1.13 per kilowatt to direct and retail customers in the former Northern Ontario Properties.....	899,579

 \$20,331,608

In addition an amount equal to the net revenue on the export of 60-cycle secondary energy from the former Southern Ontario System has been appropriated as in prior years for the amortization of frequency standardization costs.....	349,473
--	---------

 Total amortization as shown in the Statement of Operations..... \$20,681,081

6. Withdrawals from the reserve for stabilization of rates and contingencies during 1965 have been allocated on the basis of the average of the 12 monthly peaks and applied to reduce costs at the following rates:

\$.29 per kilowatt to all customers.....	\$1,912,851
\$1.50 per kilowatt to Municipalities formerly served by the Thunder Bay Systems and charged to that portion of the reserve held specifically for their benefit.....	135,095
	<u>\$2,047,946</u>

7. The cost of primary power allocated to retail customers totalling \$74,996,643 includes retail distribution costs of \$36,082,476.
8. Unallocated equities at December 31, 1965, consist of:

(a) \$46,893,895 contributed to January 1, 1962, by persons previously served for the account of the Province of Ontario, and \$4,304,841 accumulated to January 1, 1962 by debt retirement provisions in respect of administrative and service buildings and equipment; and

(b) interest on these balances for the years 1962 to 1965 inclusive.

The amounts contributed by these persons and provided in respect of these assets since January 1, 1962 and the related matured credits have been allocated to Municipalities and the Rural Power District.

SECTION III

MARKETING AND THE COMMISSION'S CUSTOMERS

THE total number of customers served by the Commission and the associated municipal electrical utilities was 2,142,281 at the end of the year, 546,771 being retail customers of the Commission either in the rural areas or in the 28 communities where the Commission owns and operates the distribution facilities. The retail customers in these 28 communities have been excluded from the commentary on the major groups of the Commission's customers in this section of the report. They are dealt with in the introductory commentary and statistics on retail service in the Municipal Service Supplement.

Load Building

In keeping with the generally buoyant economic conditions, the total power and energy requirements of the Commission's customers continued to show dynamic growth during 1965. Meanwhile, average energy consumption per customer continues to rise, providing convincing evidence of the successful development of loads that broaden the use of facilities already in operation. This factor, in conjunction with others, has made possible a relatively unchanged level of retail cost per kilowatt-hour in spite of rising operating costs.

A major contribution to this achievement has been made by the promotion of electric space heating. This service entered a highly competitive market only

in late 1958. By 1965 it was capturing 20 per cent of the new single dwelling construction, over 90 per cent of the new motel installations, as well as an encouraging proportion of new schools and churches.



ELECTRICALLY HEATED APARTMENT BUILDING IN YORK TOWNSHIP — This apartment building is heated throughout by ceiling cable installed quickly and conveniently by approved modern techniques. Each suite is maintained in clean, quiet comfort by precise room-by-room temperature control.

In addition to 6,421 all-electric houses completed during the year, 1,394 houses were converted from other heating systems to electric heat. The addition during 1965 of more than 3,000 electrically heated apartment suites, counting only those in buildings of ten or more suites, brought the year-end total to approximately 7,550. Over 40 projects for all-electric subdivisions were underway. These range in size from one of 25 single dwellings to a project including over 700 houses.

The potential of the electric-heating market for the conversion from other forms of heating in older dwellings holds excellent promise. Among the home conversions made in 1965, considerable progress was made in the installation of electric heating for the popular town-house and row-housing projects in Metropolitan Toronto and other urban areas. Plans for the further development of this market were presented during the year at the sixth annual meeting of the Electric Heating Association, which

was well attended by delegates representative of the utilities, the manufacturers, and the heating and electrical trades. In the conversion of older homes to electric heat, as with electric installations in new homes, complete co-operation on the part of all the relevant trades and suppliers is most important in ensuring ultimate satisfaction to the customer.

Over a two-month period in the autumn of 1965, the Commission and a number of municipal utilities co-operated in promoting the sale of electric clothes dryers, with a resulting sale of over 20,000 units.

The residential sales program was given the usual strong support through well-attended presentations of "Hydro Showtime" and "Quick Tricks" to home-maker audiences, as well as through visits to home economics classrooms in several hundred schools. These activities, in conjunction with displays at fairs and exhibitions, and by the Commission's mobile display coach, permit a broad-scale presentation of the superiority, versatility, and convenience of electrical living.

The Cascade high-performance water heater continues to receive wide customer approval. Dealers and contractors have tended to increase their participation in the promotion of these fast-recovery units following the introduction of the Commission's revised plan for long-term repayment of the cost. Under this plan the Commission reimburses the contractor or dealer at the time of the sale, and the customer meets the cost of purchase through regular payments in conjunction with his bill for electrical service.

The remarkable increase in the number of apartment buildings, with water-heating centrally metered and controlled, has created new problems in supplying the large quantities of hot water required for commercial premises of this type. A special study was undertaken to develop appropriate design criteria for dealing with these problems.

Greater attention was directed in 1965 toward architectural flood-lighting, a load that offers rewarding possibilities both to the Commission and to the municipal utilities. A number of organized presentations were made to demonstrate the fundamentals of commercial and industrial lighting. Special lighting



ARCHITECTURAL FLOODLIGHTING — A new dimension in the business community is provided by architectural floodlighting which is designed, as in this Toronto office building, as part of the original plan. When installed to enhance the night-time appearance of older buildings, floodlighting is still an effective and economical form of advertising.

applications for rural areas as well as other sales promotion programs related to farm operations are described under Rural Electrical Service.

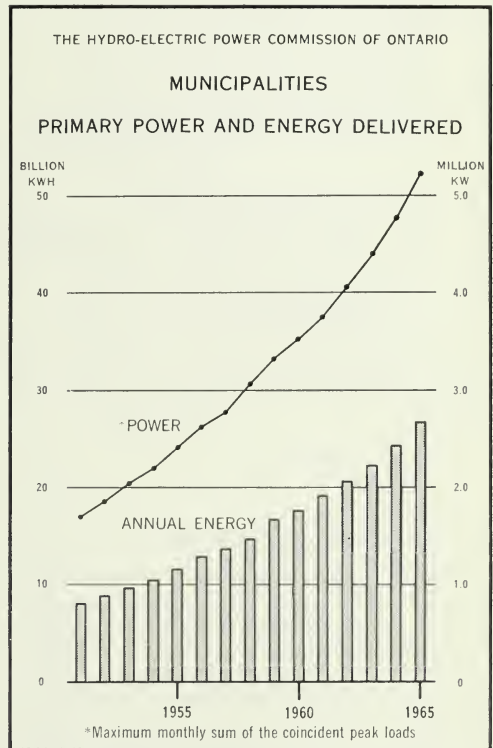
MUNICIPALITIES

The number of municipalities supplied with power under a cost contract by the Commission increased by four to 360 in 1965 with the transfer on July 1 of the Townships of Gloucester and Widdifield from supply by the rural distribution network, the similar transfer of the Village of Embrun on November 1, and the decision of Chapleau Township to replace its former fixed-rate contract with a cost-contract agreement effective September 1.

Throughout 1965 the municipal electrical utilities were billed as in the past at an interim rate per kilowatt of their monthly peak loads, the peak load for any one month being the maximum average demand over a period of twenty consecutive minutes in the month. During the year, however, the Commission completed an exhaustive two-year study resulting in the development of a new method of allocating costs. The study had been undertaken in response to a request of the Ontario Municipal Electric Association and in accordance with the Commission's policy of keeping under continuous review those trends that are likely to have a significant effect on the cost of power as allocated to any particular area or to any one group of the Commission's customers. Following a presentation of the new method at a series of Association meetings across the province, it was approved for application commencing January 1, 1966.

Interim billing in the future, therefore, will be in two parts, the one as in the past using an interim rate per kilowatt of peak load but at a substantially lower level than heretofore, and the second using a uniform rate per kilowatt-hour of energy delivered.

As the system peak load usually reaches its annual maximum in December, Statement "D" gives the December peak load for each of the municipalities. The sum of the peak loads supplied by the Commission to the 360 municipalities in 1965 was 5,223,845 kilowatts, as compared with 4,769,920 kilowatts in 1964, the increase being 9.5 per cent. Eleven of the municipal utilities have their



own generating facilities, or sources of purchased power other than the Commission. The peak loads shown in Statement "D", therefore, may include power supplied from these supplementary sources.

The energy delivered by the Commission to the municipalities in 1965 amounted in total to 26.8 billion kilowatt-hours, exceeding the 24.3 billion kilowatt-hours delivered in 1964 by 10.4 per cent.

DIRECT CUSTOMERS

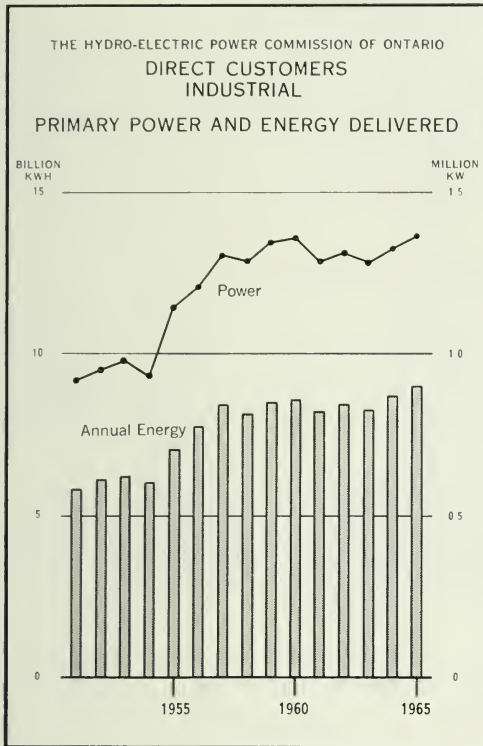
Primary energy consumption by the industrial group of the Commission's direct customers reached a new high level in excess of nine billion kilowatt-hours in 1965.

Primary Power and Energy Supplied to Direct Industrial Customers by Types of Industry

Type of Industry	Average of the Monthly Peak Loads		Annual Energy Delivered		Increase or Decrease
	1964	1965	1964	1965	
	kw	kw	kwh	kwh	%
Pulp and Paper.....	358,138	362,519	2,518,130,332	2,533,167,304	0.6
Mining:					
(a) Gold.....	85,561	80,808	567,208,849	524,379,113	7.5
(b) Silver and Cobalt.....	5,518	5,450	28,276,484	27,439,192	3.0
(c) Base Metals.....	218,364	247,712	1,595,430,745	1,799,935,764	12.8
(d) Uranium.....	40,540	26,727	270,364,632	173,840,879	35.7
(e) Non-Metals.....	5,473	3,792	25,226,164	16,925,745	32.9
Quarrying, Cement and Basic Building					
Materials.....	33,148	32,742	188,499,670	206,409,839	9.5
Steel and Electrometallurgical.....	160,067	190,149	876,537,100	1,024,668,507	16.9
Abrasives.....	78,804	90,385	609,031,520	669,611,900	9.9
Chemical, Electrochemical, and Cyanamid.....	204,359	208,877	1,595,916,390	1,645,980,250	3.1
Grain Elevators and Milling.....	3,828	2,247	10,656,960	3,222,810	69.8
Transportation Services and Communications	10,797	13,247	68,685,479	73,565,377	7.1
Government Services and Institutions.....	30,757	31,388	148,575,734	145,233,931	2.2
General Manufacturing.....	32,787	21,396	161,836,584	97,983,615	39.5
Miscellaneous.....	21,361	11,559	54,766,589	65,242,493	19.1
Total.....	1,289,502	1,328,998	8,719,143,232	9,007,606,719	3.3

The rise in consumption by base-metal mining, the third in three successive years, was almost sufficient to offset the total decline in consumption among seven other groups or sub-groups of industrial customers. The major declines were in uranium mining and gold mining, continuing a trend prevailing over the past several years. Steel and electrometallurgical customers established a new high in energy consumption by exceeding one billion kilowatt-hours for the first time, reflecting an increase of about 30,000 kilowatts in average peak load

requirements. To some extent the fluctuations in power and energy requirements for industrial customers, as recorded by industries in the table, and in



total in the accompanying graph, reflect changes in the composition of the group as customers are transferred between the direct customer category and service by the municipal utilities, or by the rural distribution facilities. The 70 per cent decline in energy requirements for grain elevators and milling, for example, resulted from the transfer of two major milling operations to service by the rural distribution facilities. The 40 per cent drop in general manufacturing in 1965 was due to the taking over by Kingston Public Utilities Commission of a large company within the municipality.

In 1965 the direct industrial customers numbered 154, and the monthly sum of their primary peak loads reached its maximum in December at 1,366,811 kilowatts, when it exceeded by 3.2 per cent the maximum of 1,324,500 kilowatts recorded in April 1964.

Primary Loads of Interconnected Systems

A group of 13 direct customers purchasing power from the Commission for resale to their own customers are for the purpose of this analysis regarded as interconnected systems rather than as industrial users in the generally accepted sense. The group includes two large utilities in New York State, one large utility in each of the neighbouring provinces or states of Quebec, Manitoba, Michigan and Minnesota, and seven other private power companies or municipal utilities either within the province or immediately adjacent to the provincial boundaries. In total their purchases of secondary energy far outweigh their purchases of primary energy.

The maximum monthly sum of the primary peak loads of the interconnected systems declined by 2.2 per cent from the 1964 level of 61,954 kilowatts to 60,594 kilowatts in January 1965. The annual primary energy delivered declined by more than 67 per cent, largely as the result of the termination on March 31 of a contract for the export of 45,000 kilowatts of firm power to the Niagara Mohawk Power Corporation to which particular reference is made on page 15. The total primary energy delivered in 1965 was 129,276,381 kilowatt-hours, as compared with 391,939,067 kilowatt-hours in 1964.

The peak load during the remaining nine months following the termination of the Niagara Mohawk contract was 15,549 kilowatts in December.

Sales of Secondary Energy

Sales of secondary energy rose in 1965 by 4.9 per cent to 3,862,071,834 kilowatt-hours from 3,680,552,181 kilowatt-hours in 1964, sales to interconnected utilities rising by 3.3 per cent from 3,090,430,167 kilowatt-hours to 3,192,448,816 kilowatt-hours and sales to other industrial customers by 13.5 per cent from 590,122,014 kilowatt-hours to 669,623,018 kilowatt-hours.

RURAL ELECTRICAL SERVICE

The net increase of 3,216 in the number of rural customers brought the total at the end of 1965 to 515,204, after allowing for the transfer of 9,545 customers to service by municipal utilities following annexations. Of the four main classes of rural customers, only farm service declined in number during 1965, by 1,196 from 135,680 to 134,484.

Revenues, energy consumption, and average consumption per customer rose for all classes of service, while average cost per kilowatt-hour to the customer declined. The average annual consumption per farm customer rose by 8.2 per cent to 8,664 kilowatt-hours in 1965.

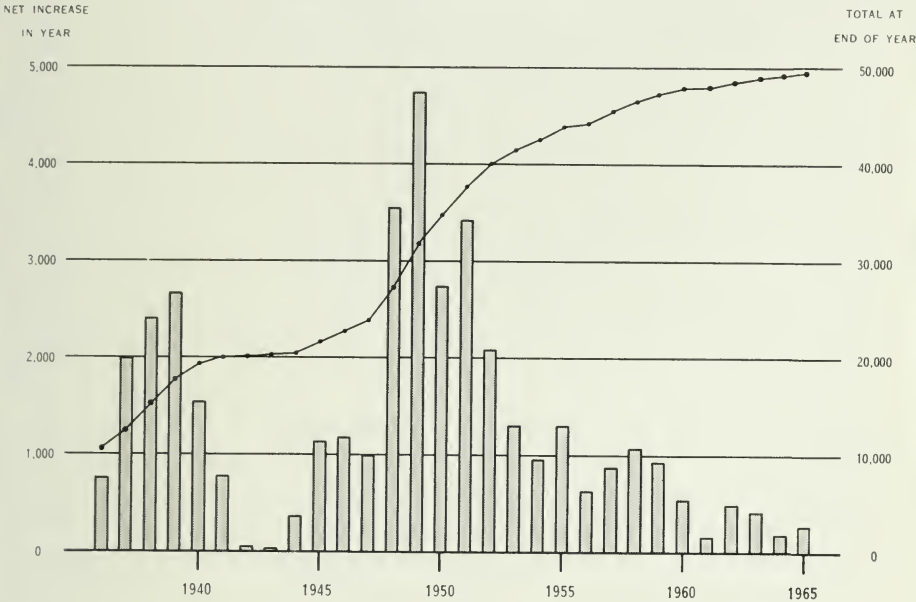
The installation by the Commission of self-protected transformers on rural services providing power for two or more buildings, has relieved customers of most of the expense involved in installing main service-entrance equipment on

NET INCREASE IN MILEAGE OF PRIMARY LINES
AND
NUMBER OF CUSTOMERS DURING 1965

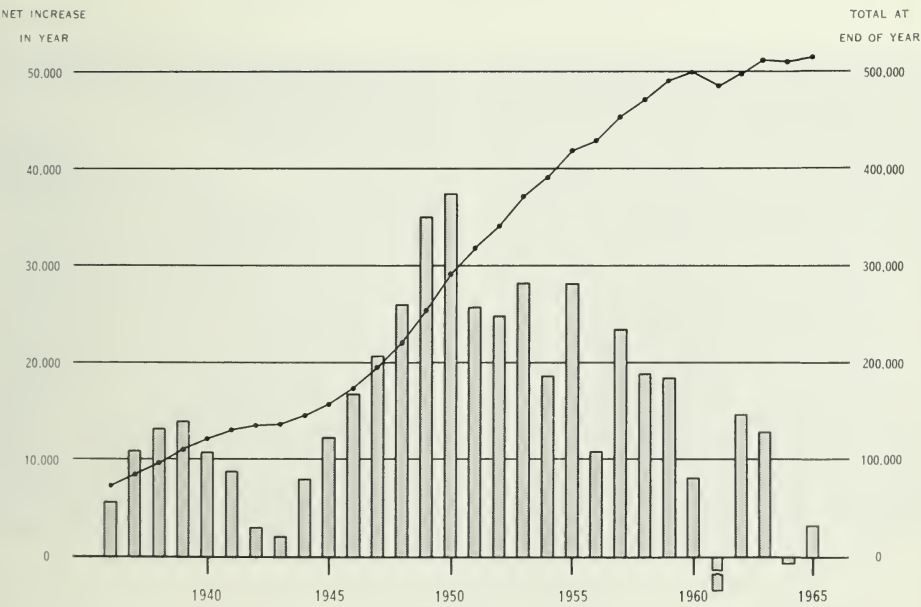
REGIONS BY SYSTEMS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS								
		Residential				Com- mercial	Com- mercial Summer	Summer	Power	Total
		Farm	Rural	Hamlet	Sub- urban					
EAST SYSTEM										
Western.....	22.75	201	489	199	1	76	4	58	43	669
Niagara.....	40.01	34	526	133	889	95	7	109	50	1,495
Central.....	29.28	22	353	86	1,276	186	—	19	51	1,911
Georgian Bay.....	119.13	62	599	94	420	32	36	2,037	24	3,180
Eastern.....	6.01	632	617	1,403	1,297	216	46	1,460	17	1,534
Northeastern.....	32.91	125	54	675	1,973	235	16	22	26	2,086
Total.....	238.07	1,076	2,638	1,832	684	62	3	3,623	125	2,735
WEST SYSTEM										
Northwestern.....	24.68	120	209	17	70	30	10	258	7	481
Total—All Systems.....	262.75	1,196	2,847	1,815	614	32	13	3,881	132	3,216

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

MILES OF RURAL PRIMARY LINE



NUMBER OF RURAL CUSTOMERS



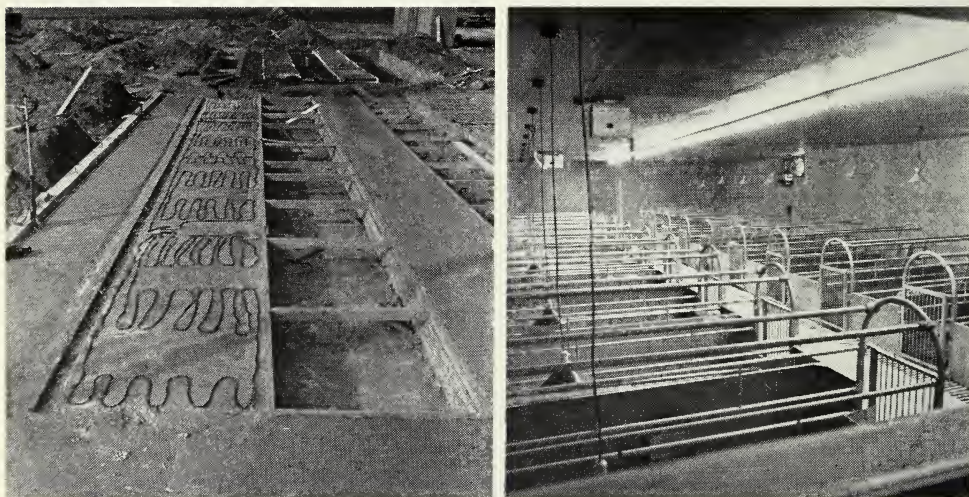
DECREASE — 1941

yard poles. Approximately 2,500 self-protected transformers were installed during the year.

The use of rented 175-watt mercury-vapour units for dusk-to-dawn lighting, now generally referred to as the Sentinel Lighting Program, met with continued success in all rural area markets. The evidence of a need for 400-watt units in the commercial field has prompted consideration of their introduction in 1966.

Following the introduction of all-electric rates in the rural areas, and subject to the customer's approval, arrangements were made for the elimination of dual metering whenever this would be to the customer's benefit.

During 1965 major revisions of all rural retail rates were in large measure completed and subsequently approved for introduction in April 1966. The suburban, hamlet, and rural residential services are to be reassigned to two groups so that preferential suburban rates will apply to year-round residential service in built-up areas where there are at least 100 customers in concentrations of 25 or more per mile of line, and in other designated areas of rapid load growth. Regular rates will apply to all other year-round residential customers. A new general service class was established to include single-phase commercial and summer commercial customers, combined services for two or more uses or purposes, as well as three-phase power service customers exclusive of farms supplied at distribution or utilization voltages. For general service and for seasonal residential service, the installation of flat-rate water heaters will be discontinued in favour of metered equipment. With the application of the new schedules, the former 10 per cent prompt-payment discount will be discontinued, rates will be quoted net, and a 5 per cent late-payment charge will be made on overdue accounts.



HOG FARROWING INSTALLATIONS AND EQUIPMENT — Shown in this pair of pictures is one of two highly satisfactory new methods of providing healthful conditions for comfort and growth by electric heat, at the left the floor cable layout before the top concrete is poured, and at the right the farrowing barn layout complete with unit heaters and heat lamps to supplement the heating cable. An alternative method applied more particularly to hog finishing operations uses pipes installed beneath the floor to circulate thermostatically controlled electrically heated water for temperature modification.

SERVICES TO CUSTOMERS

Electrical Inspection

Under The Power Commission Act the approval of electrical equipment and the inspection and approval of its installation are the responsibility of the Commission. Approval may be given through the adoption of reports made by the Canadian Standards Association Testing Laboratories or by other recognized testing agencies. On the other hand, when equipment has been custom-built, or manufactured as other than a regular line, or when equipment similar to Canadian Standards Association certified models has been installed without the required evidence of approval, it must be inspected and approved by Commission representatives. In order to control the display and sale of unapproved devices, inspectors during 1965 carefully surveyed electric equipment at 35 displays and exhibitions, and further to this work also made 10,500 inspections of special electric equipment otherwise not approved by The Canadian Standards Association.

Plans for 478 customer-owned high-voltage installations were inspected in 1965, and 677,000 inspections of wiring installations were made. Continued vigilance by inspectors, however conscientious, still cannot cope with instances of human fallibility and carelessness leading to unsafe practices. A total of 15 fatal accidents and 160 fires, all reported to be of electrical origin, were investigated. On the basis of the reports of such investigations, revisions are introduced from time to time to the Ontario Electrical Code, and further recommendations for safe practices are made.

Public Relations

In June 1965, following two years of study and research, the Commission disclosed to the public its newly selected vermilion and orange corporate symbol, the Ontario Hydro inter-related OH on a white background. Designed, at the request of the Ontario Municipal Electric Association, to be adaptable for use by the municipal electrical utilities, the new widely accepted symbol has unified and improved the public image of the whole Hydro organization as a dynamic and vigorous competitor in the energy market. This sense of unity and broad public acceptance would have been almost impossible to achieve with the variety of unrelated symbols and devices previously used. At the end of 1965 more than 30 utilities had adopted the new symbol.

For economic reasons the full implementation of the program for the introduction of the new design will take place gradually over the next five years as vehicles and signs can be repainted or replaced, and hundreds of business forms can be adapted.

The symbol is seen as an important feature in the continuing public relations program directed towards informing staff, customers, government, and the public in general regarding the Commission's activities. The normal channels of communication by publications, displays, films, tours of Hydro installations, and speaking engagements were maintained as usual.



LOAD-BUILDING THROUGH APPLIANCE SALES — Through well-appointed merchandise displays the municipal electrical utilities are stressing the importance of meeting customer needs with helpful information and competent service. This photograph shows a corner of the Welland Hydro-Electric System's appliance display centre.

REPORTS FROM THE REGIONS

Western Region

An upsurge of industrial development resulting in part from the Canada-United States Automotive Products Agreement stimulated growth in Chatham, Wallaceburg, Tilbury, and St. Thomas. Two major annexations took place at the end of 1965 when Stratford and Windsor annexed large areas. The City of Windsor absorbed the Town of Riverside and a large section of both Sandwich East and Sandwich West Townships. As a result, the former municipal utilities of Riverside and Sandwich East Township will disappear. Sandwich West Township Hydro System will remain and operate on a reduced scale in the balance of the Township. A new modern office and service centre was opened on October 17 in the Town of Strathroy by the Strathroy Public Utilities Commission.

Niagara Region

Industrial growth was marked throughout the Region and particularly in the Niagara Peninsula as a result of the expansion in the automobile industry following the signing of the Automotive Products Agreement. New substations were established by a great many of the utilities, particularly St. Catharines, Welland, Niagara Falls and Galt. Other utilities such as Guelph, Kitchener and Dundas added new customer-owned substations totalling over 22,000 kva in installed capacity. In Guelph, a major annexation took place at the end of the year, involving the transfer of 1,278 rural customers and 43 miles of line from the Guelph Area to the Guelph Board of Light and Heat Commissioners. This

annexation is a key factor in the consolidation now under way with respect to the Areas in the northwestern section of the Region. Major industrial expansion, together with new substation construction to serve residential developments, was evident in Hamilton, where approximately 40,000 kv of industrial load were added through the year.

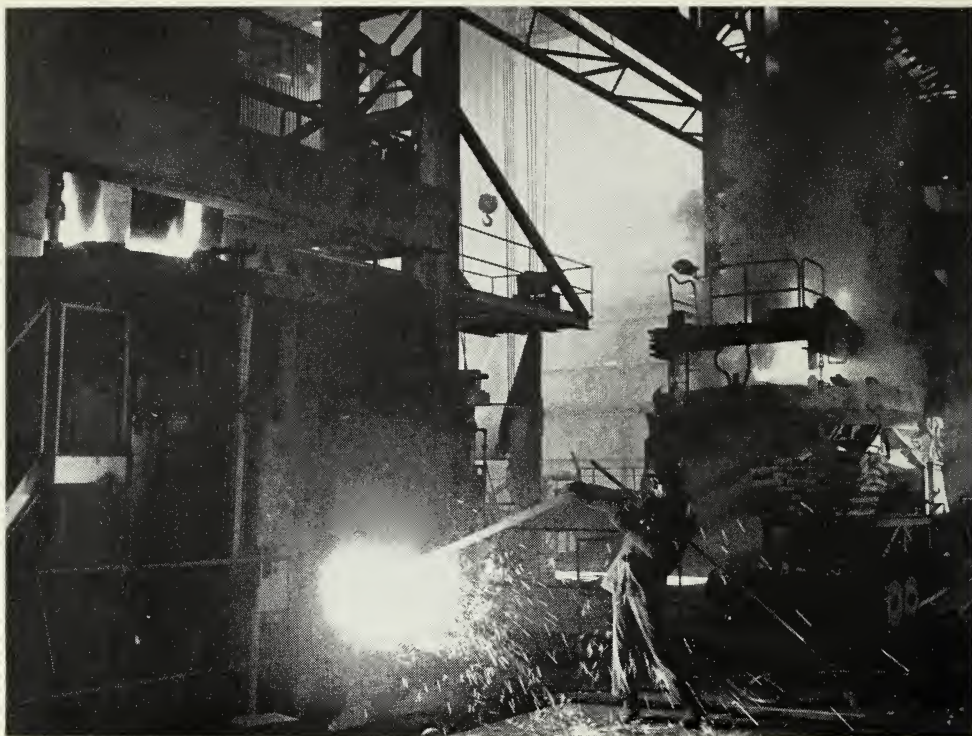
Central Region

The trend towards all-electric office space and apartments throughout the Region was emphasized this year by the completion and occupancy of new office and service-building quarters by three of the utilities in the Region. Markham Public Utilities Commission moved from shared quarters with the Township Administration to a large new all-electric office and service building that will meet the future requirements of this fast-growing utility for many years. North York Hydro-Electric Commission moved into a new electrically heated office adjacent to the Regional Office in Willowdale. In combination, the high-density lighting and auxiliary electrically heated hot-water radiators in the ducts of the air-handling system provide heat throughout the winter. This system also cools fresh outside air for complete air-conditioning in the summer months.

Noteworthy advances in the sale of electric heating were achieved in the City of Toronto during 1965. The all-electric St. James Town Development, south of Bloor Street and west of the Don River, will have upon completion approximately 5,000 apartment suites with an estimated total load of 25,000 kilowatts. Two other apartment buildings located elsewhere in the city will have over 300 suites each and estimated loads in excess of 1,600 kilowatts. The 27-storey all-electric office building in the downtown area, which was mentioned



NORTH YORK HYDRO - ELECTRIC COMMISSION OFFICE BUILDING — This new air-conditioned building operates at daylight brightness using lighting levels installed to Illuminating Engineering Standards as part of a unique two-level reheat principle. The first-level heating allows fresh air to be brought into the building and to be tempered to 55°. The second level uses electric heating and circulated hot water to provide warmth for heat exchangers located throughout the building. Separate zones are controlled by eighty thermostats. The combined system, by providing both heating and cooling in general office areas, results in well modulated comfort conditions.



LARGE ELECTRIC FURNACES USED IN STEEL PRODUCTION — At this steel mill in Pickering Township, each of the furnaces, served through a 12,500-kva, 44,000—325-volt transformer, is capable of producing approximately 100,000 tons of steel per year, using the comparatively new continuous casting process.

in the 1964 Report as having an expected load of 3,500 kilowatts, will have as an unusual feature of its construction a penthouse enclosing a Toronto Hydro-Electric System transformer installation.

Extensive internal changes were made at the Teraulay Street Station, one of the oldest in the municipal system, to accommodate the additional equipment required in meeting the increasing loads in the important Civic Centre area. The steam system based on electric units at this station now provides heat not only to the new City Hall, the old municipal building and the adjacent annex and parking facilities, but also to Osgoode Hall and the new Court House building on University Avenue.

The peak load of the Toronto Hydro-Electric System increased by 33,224 kilowatts or 4.9 per cent over the peak in 1964 to reach 710,558 kilowatts. In anticipation of load increases in the Bloor-Yonge and Eglinton-Yonge areas, land purchase and clearing for two joint Toronto Hydro-Ontario Hydro terminal stations were undertaken at Charles Street and at Duplex Avenue, where stations of similar design to Dufferin Transformer Station will be constructed.

The principal facility improvements during the year included the addition of nearly 83 miles of underground duct, and the further removal of overhead facilities from the streets. Nearly 40 miles of Toronto streets are now free of distribution poles and overhead wires.

In York Township there was continued expansion of both the transmission system and the underground distribution system in areas where large apartment buildings are being constructed. The trend in this municipality, as in the other Metropolitan municipalities, is towards unprecedented growth in high-rise apartment building.

Toronto Township Hydro-Electric Commission is now making full use of its electrically heated service building, which incorporates many new principles in stores handling.

Oshawa Public Utilities Commission has expanded its plans for distribution-system improvements as a result of the fast-growing load, much of which is due to the high interest in electrical living in this municipality.

Georgian Bay Region

The Orillia Water, Light & Power Commission commenced rebuilding its Swift Rapids Generating Station, replacing two 1,500-kva units with 3,000-kva units. Unfortunately, while the rebuilding program deprived the utility of a substantial part of the local generation, severe lightning caused serious damage to its Minden Generating Station, necessitating repairs in the neighbourhood of \$100,000.

Growth in the rural areas of the Region is evident in an increase of 16 per cent in energy consumption, resulting in part from considerable success in the promotion of electrically heated homes and schools. As a result, two new substations were required, along with increased capacity in four other Commission-owned substations.



In line with modern trends, the new Owen Sound Area office building is electrically heated and air-conditioned. The Area is one of 83 through which the Commission was administering its retail services at the end of 1965.

Eastern Region

Gloucester Township became a cost-contract municipality of the Commission on July 1, 1965. The Police Village of Embrun established its own municipal electrical utility on November 1, 1965 and immediately embarked on a complete rehabilitation of the street-lighting system. At Eganville equipment was installed at the municipally owned generating station that will permit parallel operation with Ontario Hydro and greatly increase the stability of service throughout the village. Major capital construction was continued by the Kingston Public Utilities Commission, including extension of its 44-kv system as well as expansion of 4-kv underground facilities in the main business section. The utility served its first large electrically heated apartment building of 104 units, and another of the same size is currently under construction. The Peterborough Utilities Commission adopted a policy of mandatory underground service for all new homes and a complete underground distribution system within all new subdivisions. The Township of Nepean showed an unusually high rate of load growth (19 per cent) which has required a continued expansion of the distribution facilities and has required the introduction of a 44-kv subtransmission system in this area.

Northeastern Region

The Township of Widdifield, formerly served as part of the North Bay Area, purchased the distribution facilities within the corporate limits and took over administration of these facilities under a cost contract, effective July 1, 1965. The Township of Chapleau also entered into a cost contract, which became effective September 1, 1965. Chapleau had previously been served in part by the Commission as a direct customer under a fixed-rate contract and in part by a private company. The Commission constructed a 115-kv line from Hollingsworth Falls on the Great Lakes Power Company's system, and built a substation to serve Chapleau, replacing the diesel engines which had provided part of the utility's load.

Northwestern Region

Nipigon Township Hydro-Electric Commission moved into new office accommodation in November, and a new office building is under construction for the Sioux Lookout Hydro-Electric Commission. As a result of a referendum held in Kenora in December, the municipality will terminate its agreement with the Ontario-Minnesota Pulp and Paper Company for the supply of power and is negotiating with this Commission for supply under a cost contract.

SECTION IV

PLANNING, ENGINEERING, AND CONSTRUCTION

NEW generating units brought into operation during 1965 included a 300,000-kilowatt unit at Lakeview Generating Station, two 64,600-kilowatt hydro-electric units at Harmon Generating Station, and five combustion turbine generators with a total rated capacity of 78,960 kilowatts, three installed at a site in western Metropolitan Toronto, and two at a transformer station in Sarnia. The combustion turbines were the first of several planned to provide an additional margin of reserve on the East System during a period when load growth is expected to be unusually large.

Under the Commission's generation development program, as approved in 1965, work also was under way during the year on the various stages of engineering and construction for the installation of further units at Lakeview Generating Station, and at a number of other conventional thermal-electric and nuclear-electric stations, and at hydro-electric stations in the southern and northeastern parts of the province. Units with a total rated capacity of nearly 5,200,000 kilowatts are now scheduled for first operation in the years from 1966 to 1971 inclusive. The total includes 3,200,000 kilowatts to be provided in conventional coal-fired thermal-electric units, 1,280,000 kilowatts in nuclear-electric units, over 200,000 kilowatts in 20 further combustion turbine generators, and approximately 485,000 kilowatts in hydro-electric units at projects on rivers in eastern and northeastern Ontario.

Other major work completed during the year included the second stage of the rehabilitation and enlargement of the Queenston-Chippawa Power Canal, the

completion of the Opasatika River diversion in northern Ontario, and the extension as far as Barrie of the new ehv transmission facilities to carry power southward from the new hydro-electric stations in the far north.

Detailed comment on these and related construction activities follows in the subsection entitled *Progress on Power Developments*. This is supplemented by a definitive report on Harmon Generating Station placed in service in 1965, and brief notes on transformer-station and transmission-line construction.

Office and Service Buildings

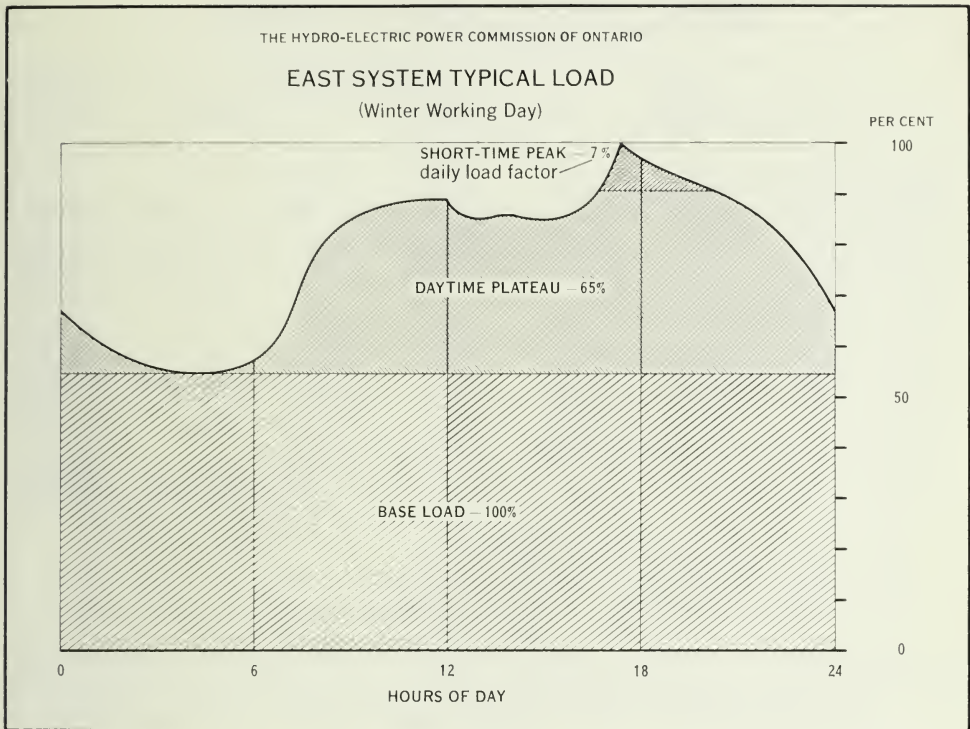
The new area office building in Owen Sound was opened in February, and, in Chatham, the combined office and service building for Kent Rural Operating Area was opened in December. Construction commenced in December for a new combined office and service building in Bowmanville, for the administration of the surrounding Rural Operating Area. Construction work is scheduled to begin in the summer of 1966 on a new community building for the Abitibi Canyon Colony.

PLANNING

In recent issues of the Annual Report, reference has been made to the fact that the proportion of hydro-electric to thermal-electric resources on the Commission's systems has been changing over the last few years, during which the bulk of new generating capacity has been in thermal-electric stations. There are still, however, a number of undeveloped hydraulic sites in the province which are expected to be capable of economic development, and their respective capabilities for providing power and energy are important factors in the calculation of their economic value. An important consideration in assessing the economic capacity to be installed at a given site is what part of the total system load the development should be designed to supply.

The accompanying diagram portrays the load pattern for a typical winter day. The three load levels, which are designated base load, day-time plateau, and short-time peak, represent respectively 55, 35, and 10 per cent of the maximum daily demand. Since the load of such a day seldom falls below 55 per cent of the maximum power demand, somewhat over half the maximum demand, as base load, must be met 100 per cent of the time. This base load, considered by itself, is said to have a 100 per cent daily load factor. The 35 per cent of maximum power demand represented by the day-time plateau, which spreads at varying levels across about 16 hours during the day, does not have to be met 100 per cent of the time. This segment of the total, considered in isolation, has a daily load factor of 65 per cent. Also considered in isolation, the short-time-peak requirement that shows as a roughly triangular shape on either side of the maximum power demand and represents the remaining 10 per cent of this demand, has a daily load factor of about 7 per cent.

All the hydraulic sites developed or extended in the past several years have been shown to be economic for eventual development on the basis of a high capacity relative to their energy output. These stations, with these high capacities, would be capable under low-water conditions of contributing to the supply of



only the short-time component of the daily load. They are “peaking” plants that supply only the low load-factor stratum represented by the upper 10 per cent on the diagram. Of this type of low-load-factor capacity, the total amount that can be fully used on the system in any particular year must be limited to approximately this 10 per cent of the peak.

Some of the hydraulic sites have, therefore, been planned for development in two stages. In the first stage their capacities are limited to values which result in their operation to supply load in both the short-time peak and the day-time plateau. In this first stage, however, provision is being made for the later addition of further capacity in a second stage of development at a time when load growth on the system has enlarged the quantities of power and energy represented by the 10 per cent short-time requirement.

Where sufficient upstream storage is available, it may be drawn down to provide temporarily increased stream flows. Thus the hydraulic stations that operate normally at low load factor may be operated at high load factor for several days to meet such emergency conditions as, for example, when loads increase sharply under adverse weather conditions, or ice and wind effects reduce the output of the Niagara River stations, or there are forced outages of major thermal-electric units. In order to make the most economic use of the storage available, however, the capacities of successive sites on the same river must be carefully planned in relation to runoff and the storage capability between adjacent developments. On the Madawaska River, the generating station now under construction

Summary of the Power Development Program
as at December 31, 1965

System and Development	Number of Units				Installed Capacity
	In Service		Scheduled		
EAST SYSTEM					
Lakeview—on the western outskirts of Metropolitan Toronto.....	4 TC	1961-1965	4 TC	1966-1968	2,400,000
Combustion Turbine Units—various sites.....	5 TCT	1965	20 TCT	1966-1967	290,700
Harmon—Mattagami River.....	2 H	1965			129,200
Kipling—Mattagami River.....			2 H	1966	125,400
Douglas Point Nuclear Power—north of Kincardine.....			1 TN	1966	200,000
Mountain Chute—Madawaska River..			2 H	1967	139,500
Lambton—south of Sarnia.....			4 TC	1968-1971	2,000,000
Barrett Chute (extension)—Madawaska River.....			2 H	1968	120,000*
Stewartville (extension)—Madawaska River.....			2 H	1969	100,000*
Pickering—east of Toronto.....			2 TN	1970-1971	1,080,000

TC indicates thermal-electric conventional.

TN indicates thermal-electric nuclear.

TCT indicates thermal-electric combustion turbine.

H indicates hydro-electric.

*Tentative capacity.

at Mountain Chute and the extensions of Barrett Chute and Stewartville Generating Stations are planned to permit the operation of each station at an annual load factor of 20 per cent. Other sites on this watershed are being considered for development later.

System Interconnections

The two 115-kv,60-cycle interconnections with the Detroit Edison Company, first placed in service in 1953, permit the Commission's East System to operate in parallel with the Michigan Power Pool, which includes the integrated systems of the Detroit Edison Company and the Consumers Power Company. The benefits of these interconnections stem from reciprocal arrangements for the economic interchange of power and for emergency assistance during power facility outages.

In the first years of operation there were mutual advantages to be derived from the export by the Commission of surplus hydro-electric energy to replace thermal-electric production in Michigan. Now a large part of the Commission's resources are also thermal-electric and little surplus hydro-electric energy is available. The interconnections are nevertheless still valuable for the interchange of thermal economy power, for assistance during temporary generating-facility outages, for security against multiple transmission outages, and for co-ordination of maintenance schedules.

Since 1953 there has been substantial load growth on the systems, and the size of generating units has materially increased, with the result that the present interconnections will impose restrictions on parallel operation in the near future. Following joint studies by the interconnected utilities, agreement was reached late in 1964 to proceed with the construction of a third interconnection. It will comprise a 345-kv transmission line linking the Commission's Lambton Generating Station with the St. Clair Power Station of the Detroit Edison Company.

Expenditures on Capital Construction, 1956-1965

	Genera- tion	Transfor- mation	Trans- mission	Retail Distribu- tion	Other	Total
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
1956.....	128,245	13,464	11,424	17,459	2,411	173,003
1957.....	151,738	17,302	19,295	17,581	2,776	208,692
1958.....	126,204	20,688	20,806	19,980	2,978	190,656
1959.....	98,251	20,788	12,159	19,996	2,910	154,104
1960.....	82,506	16,624	12,230	18,120	2,559	132,039
1961.....	77,939	10,693	11,446	18,954	4,624	123,656
1962.....	59,741	11,754	21,118	18,102	3,709	114,424
1963.....	49,301	12,109	22,391	18,073	6,283	108,157
1964.....	55,908	16,775	16,250	18,623	2,565	110,121
1965.....	90,420	18,734	19,727	18,066	3,004	149,951
Total.....	920,253	158,931	166,846	184,954	33,819	1,464,803

It will be operated at 115 kv until 1968. At that time a 600,000-kva, 230—345-kv regulating autotransformer will have been installed at Lambton Generating Station and the interconnection will be changed to 345-kv operation. The new interconnection, operating in parallel with the two 115-kv facilities will then provide in total an interconnection capability of over 900,000 kilowatts.

PROGRESS ON POWER DEVELOPMENTS

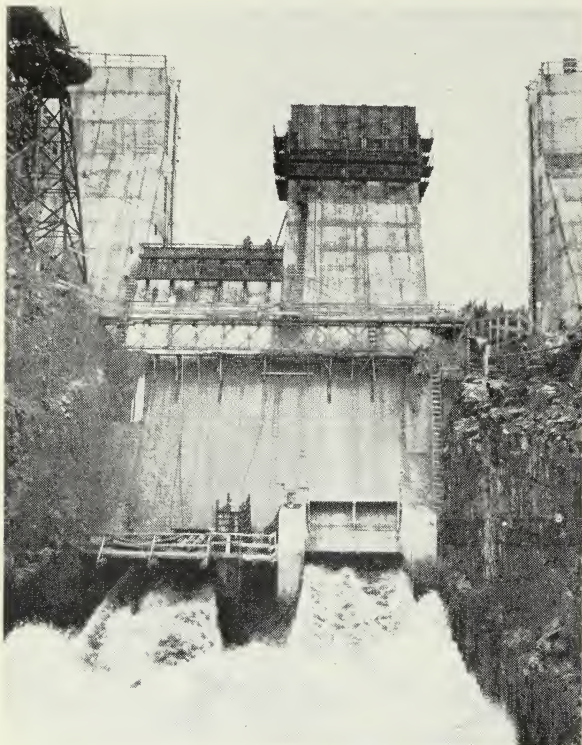
Studies were undertaken regarding the feasibility of developing further hydro-electric potential on the Montreal and Mississagi Rivers. Consideration was given to the development of the Lower Notch site, and the redevelopment of the Upper Notch site, both on the Montreal River, to the development of Aubrey Falls and Gros Cap on the Mississagi River, and to the possible extension of George W. Rayner Generating Station, also on the Mississagi River.

KIPLING GENERATING STATION—MATTAGAMI RIVER

<i>Location</i>	—About 58 miles north of Kapuskasing and 3 miles down stream from Harmon Generating Station.
<i>Installed Capacity</i>	—125,400 kilowatts in 2 units, 60 cycles.
<i>Rated Head</i>	—102 feet.
<i>In-service Schedule</i>	—Two units in 1966.
<i>Estimated Cost</i>	—\$22,235,000 including generation, step-up transformation, and high-voltage switching at the site.

At the end of 1965, the four-unit headworks was finished and the powerhouse was well under way. With the other components of the main dam almost completed, the downstream cofferdam was removed. The sluiceways were installed in the main dam. The installation of turbines and generators for the two units now scheduled was well under way. Both units are expected to be ready for service by the summer of 1966. Flooding of the headpond is expected to begin in April as scheduled.

Kipling Generating Station is the fourth and last project in the Commission's current program for the development of the Abitibi and Mattagami Rivers, both



KIPLING GENERATING STATION — MATTAGAMI RIVER —
These diversion ports in the base of the dam are intended to carry the flow of the river while work proceeds above them and in a dry area of the river channel protected by cofferdams. The ports, shown here carrying a flow of 18,500 cubic feet of water per second, will be closed and filled with concrete when the project nears completion.

tributaries of the Moose River flowing into James Bay. In addition to the stations already in service, Harmon Generating Station on the Mattagami River, Little Long Generating Station also on the Mattagami about thirteen miles up stream from Harmon Generating Station, and Otter Rapids Generating Station on the Abitibi River, the new station will be supervisory controlled from Pinard Transformer Station at the northern end of the new ehv transmission system leading to southern Ontario.

A project for the diversion into the Mattagami of water from the Opasatika River was completed in the fall of 1965. Controlled by a timber-crib dam on the Opasatika, this additional flow is carried into the Mattagami at a point about 10 miles up stream from Little Long Generating Station. A maximum of 1,060 cfs can be diverted through

an excavated canal about 6,200 feet long into the first of a series of tributaries flowing into the Mattagami. Estimates indicate a resulting increase in the annual energy output of Little Long, Harmon, and Kipling Generating Stations of about 60 million kilowatt-hours.

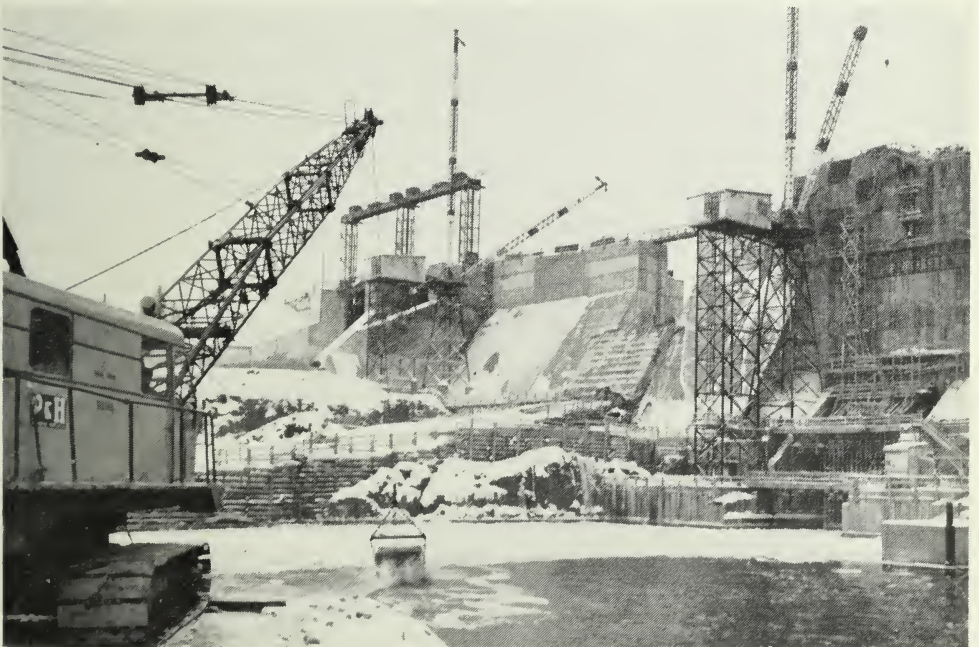
MOUNTAIN CHUTE GENERATING STATION—MADAWASKA RIVER

<i>Location</i>	—22 miles southwest of Renfrew and 8 miles up stream from Earrett Chute Generating Station.
<i>Installed Capacity</i>	—139,500 kilowatts in 2 units, 60 cycles.
<i>Rated Head</i>	—153 feet.
<i>In-service Schedule</i>	—Two units in 1967.
<i>Estimated Cost</i>	—\$27,684,000, including generation, step-up transformation, and high-voltage switching at the site.

The concrete structure forming the main dam at Mountain Chute Generating Station essentially comprises a two-unit headworks on the north shore of the river connected by a 512-foot bulkhead section to a structure on the south shore incorporating two 29-foot control sluices. An excavated tailrace channel will extend some 400 yards down stream from the powerhouse at the toe of the dam. Additional tailrace improvements will be carried out to a distance of about half a mile down stream. In order to contain the headpond at low points in the terrain to the north of the river, two relatively small earth dams will be constructed, one quite close to the main dam, and the other about two miles away. The headpond will cover approximately 8,500 acres, of which about 5,500 acres must be cleared.

Work on the Mountain Chute project was begun in the summer of 1964. A diversion channel and cofferdams were completed early in 1965. By the end of the year, the placing of concrete for the main dam and clearing for the headpond were well under way. Relocation of sections of township roads outside the area to be flooded is proceeding and the relocation of highway sections to improve access to the site is almost complete. Orders have been placed for the turbines and generators.

Down stream from the Mountain Chute development on the Madawaska River, two generating stations that have been in service for upwards of twenty years are being extended. These are Barrett Chute and Stewartville Generating Stations, where the Commission is proceeding with the installation of additional units.



KIPLING GENERATING STATION — MATTAGAMI RIVER — This dragline machine is being used to excavate the tailrace channel down stream from the powerhouse. The use of modern winter-work techniques permits the Commission to maintain construction at its northern projects without interruption throughout the year.

The intention is to bring the capacity of each of the downstream stations into close relationship with the projected capacity of Mountain Chute Generating Station, and to operate all three as peaking stations. The in-step operation made possible by almost equal capacities and heads at all three stations will minimize the effects of water spillage, and of water-level fluctuation generally associated with operation to meet peak load. The tailpond for Barrett Chute Generating Station forms the headpond for Calabogie Generating Station. There are no plans at present to install additional units at the latter station, but power-operated sluiceways are to be installed for stream-flow control in order to minimize water-level fluctuations in Calabogie Lake. These sluiceways and the generating units at the three other stations on the river will be supervisory controlled from a remote point, possibly Chenaux Generating Station on the Ottawa River.

BARRETT CHUTE GENERATING STATION (EXTENSION)—MADAWASKA RIVER

<i>Location</i>	—About 18 miles south of Renfrew.
<i>Additional Tentative Capacity</i>	—120,000 kilowatts in 2 units, 60 cycles.
<i>Rated Head</i>	—150 feet.
<i>In-service Schedule</i>	—Two units in 1968.
<i>Estimated Cost</i>	—\$13,803,000, including generation, step-up transformation, and high-voltage switching at the site.

The present Barrett Chute Generating Station was completed in 1942. It consists of a powerhouse with two 20,400-kw units on the left bank of the river, a control dam with eight sluiceways about a mile up stream around a wide bend in the river, and a canal about 2,000 feet long, headworks, and penstocks through which water is conveyed from the headpond. The canal will be deepened by approximately 35 feet to provide for the increased flow required to supply the two additional units, which will be installed in an extension at the west end of the powerhouse. During 1965, geological investigations of the site were carried out, and tenders were called for the supply of the turbines.

STEWARTVILLE GENERATING STATION (EXTENSION)—MADAWASKA RIVER

<i>Location</i>	—8 miles southwest of Arnprior and about 17 miles downstream from Barrett Chute Generating Station.
<i>Additional Tentative Capacity</i>	—100,000 kilowatts in 2 units, 60 cycles.
<i>Rated Head</i>	—148 feet (tentative).
<i>In-service Schedule</i>	—Two units in 1969.
<i>Estimated Cost</i>	—\$11,556,000, including generation, step-up transformation, and high-voltage switching at the site.

At Stewartville Generating Station, the headworks, the powerhouse substructure, and the spillway sluices form a single concrete structure spanning the river valley. When the structure was built to house the three units placed



REVOLVER CRANES AT MOUNTAIN CHUTE GENERATING STATION — Two of the largest cranes ever used in hydro-electric construction by the Commission work from a bridge which spans the Madawaska River at a maximum height of 110 feet. In this view, one of the cranes is placing concrete for the dam, while the other is continuing with the erection of the bridge. The two cranes together are capable of placing concrete at a maximum rate of 280 tons per hour.

in service in 1948, no provision was made for the possible installation of additional units. In order to carry out the present plans with the least possible adverse effect on the operation of the units already installed, a special construction procedure has been devised. A large movable steel cofferdam will be sealed in place on the upstream face of the dam at the position of each of the two new intakes as they are constructed in turn. One of the three original units will be temporarily taken out of service to permit construction of the cofferdam for the powerhouse extension, but the other two units are expected to remain in operation throughout the construction period.

LAKEVIEW GENERATING STATION—NEAR TORONTO

<i>Location</i>	—On Lake Ontario just west of Toronto.
<i>Installed Capacity</i>	—2,400,000 kilowatts in 8 units, 60 cycles.
<i>In Service</i>	—One unit in each of 1961, 1962, 1964, and 1965.
<i>In-service Schedule</i>	—Unit 5 in 1966; Units 6 and 7 in 1967; Unit 8 in 1968.
<i>Estimated Cost</i>	—\$268,000,000 including generation, step-up transformation, and high-voltage switching at the site.

At Lakeview Generating Station on the shore of Lake Ontario just west of Metropolitan Toronto, installation of the fourth 300,000-kilowatt unit was

completed in May 1965. During 1965, the powerhouse extension for Units 5 and 6 was enclosed, a large part of the equipment foundations and powerhouse structural steel for Units 7 and 8 was completed, and major components for Units 5 and 6 were erected.

Installation of all equipment for Unit 5 was proceeding on schedule, except for shop erection of the turbo-generator, which was not completed until December. Dismantling then began, with delivery to the site scheduled for early in 1966. Shop erection of turbine 6 was accordingly delayed, though equipment and field construction work was on schedule.

A second conveyor belt system was begun for the transfer of coal from dock to pile. It should be ready for the beginning of the 1966 navigation season. Bad weather conditions delayed work on the planned extension of the present dock by approximately 200 feet to accommodate the much larger ships of up to 22,300-ton capacity carrying coal to Lakeview Generating Station. The work will be completed during 1966.



Pile-driving at the Lambton Generating Station site, on the St. Clair River about 14 miles south of Sarnia.

LAMBTON GENERATING STATION

<i>Location</i>	—On the St. Clair River in Lambton County 14 miles south of Sarnia.
<i>Installed Capacity</i>	—2,000,000 kilowatts in 4 units, 60 cycles.
<i>In-service Schedule</i>	—One unit in each of the years 1968 to 1971 inclusive.
<i>Estimated Cost</i>	—\$221,300,000, including generation, step-up transformation, and high-voltage switching at the site.

At Lambton Generating Station, four 500,000-kilowatt units are to be installed, one unit being scheduled for operation in each of the years from 1968 to 1971 inclusive. In addition to contracts awarded earlier, orders were placed during 1965 for equipment such as the coal crushers, high-pressure piping, circulating-water pumps, boiler-feed pumps, condensers, forced-draft and induced-draft fans, and for the supply and erection of powerhouse structural steel. Work

carried out at the project during 1965 included clearing, rough grading, powerhouse excavation, access road and railway siding construction, and the first part of an extensive pile-driving program.

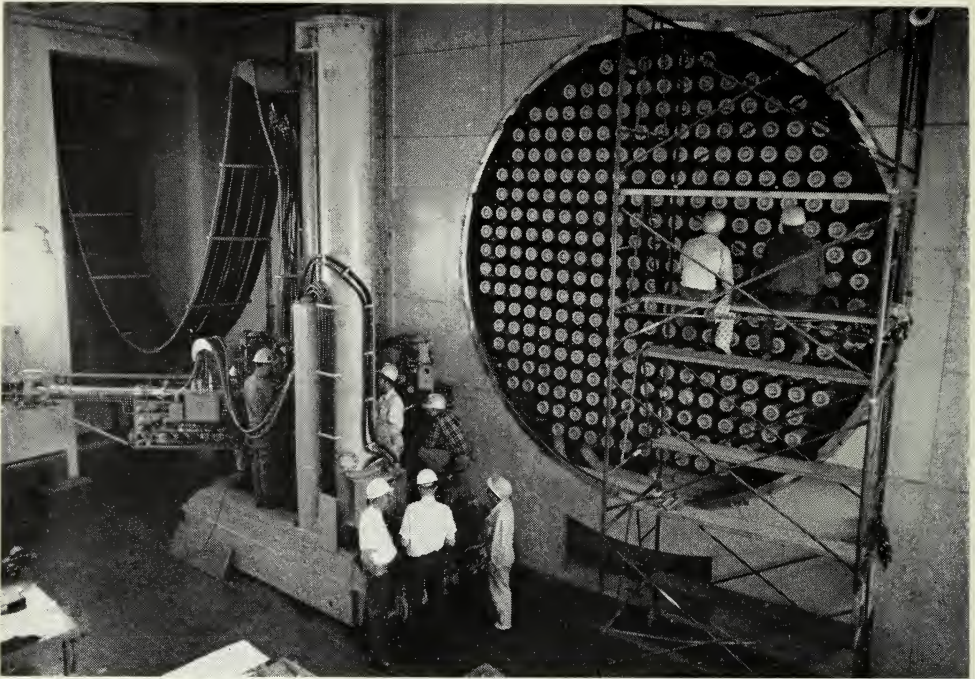
Nuclear-Electric Stations

At Douglas Point Nuclear Power Station on the shore of Lake Huron between Kincardine and Port Elgin, installation and testing of the CANDU reactor neared completion at the end of 1965. The 200,000-kilowatt unit is expected to be ready to deliver first power to Ontario Hydro's East System in the late summer of 1966. The Commission is constructing the station as prime contractor for Atomic Energy of Canada Limited. By arrangement with this Crown company, the Commission will at first purchase the power generated at the station and will subsequently purchase the station itself at a cost that will permit the energy output to be competitive with that of a modern coal-fired station.

A much larger nuclear-electric station is to be established on the shore of Lake Ontario in Pickering Township just east of Metropolitan Toronto. Preparation of the site is now under way. At this project, to be known as Pickering Generating Station, two 540,000-kilowatt units are at present scheduled for installation, one for initial operation in 1970, and the other in 1971. The site, however, is suitable for the establishment of a larger station, and, subject to approval by the Atomic Energy Control Board, further units may be installed and brought into service in later years.



LAMBTON GENERATING STATION — The principal structures at the project will be founded on steel-pipe piles, placed in augered holes approximately 110 feet deep and driven to bed rock which is from 125 to 140 feet below grade. The pipe, supplied in various lengths, is welded together at the site to form piles of the required lengths. When driven to the appropriate depth, the piles are filled with concrete.



DOUGLAS POINT NUCLEAR POWER STATION — Provision for refuelling the reactor while on load is an important feature of the CANDU system used at Douglas Point Nuclear Power Station, and planned for installation at the much larger Pickering Generating Station now under construction. The Douglas Point fuelling machine, shown above, moves on rails to the reactor face, and its head locks onto a selected end-fitting. While the machine introduces fresh fuel into the reactor tube, a similar machine at the opposite end removes the spent fuel.

PICKERING GENERATING STATION

<i>Location</i>	—Pickering Township east of Toronto.
<i>Installed Capacity</i>	—1,080,000 kilowatts, in two units, 60 cycles
<i>In-service Schedule</i>	—One unit in each of 1970 and 1971
<i>Estimated Cost</i>	—\$266,000,000.

Pickering Generating Station is being financed jointly by the Commission and the Provincial and Federal Governments. It is being built and designed by the Commission, with Atomic Energy of Canada Limited as consultant for the nuclear steam-generating part of the plant. The reactors will be similar in general principles to the reactor at Douglas Point, that is of the CANDU type using natural uranium as fuel, and heavy water as both moderator and coolant.

During 1965, contracts were awarded for the turbine-generators, the steam generators, the primary coolant pumps, the supply of piles, and the driving of piles for the reactor buildings.

Site grading, shoreline protection, the installation of domestic sewer and water facilities, and the construction of the access road were completed during the year. Pile driving for the first reactor building, and the installation of construction buildings were well advanced by the end of December.

Combustion-turbine Stations

The Commission undertook early in 1965 to install a number of combustion-turbine generators on the East System. These units can be purchased and placed in service with a much shorter lead time than the much larger conventional thermal-electric and hydro-electric units. The combustion-turbine generators will serve as standby units and contribute toward a more adequate margin of reserve capacity at times of peak loads, particularly during the present period of rapid load growth.

Six combustion-turbine generators were purchased in 1965, four for installation at the A. W. Manby Service Centre in western Metropolitan Toronto, and two at Sarnia-Scott Transformer Station in Sarnia. The two units at Sarnia-Scott Transformer Station, each with a capacity of 15,000 kilowatts, and three of the units at the A. W. Manby Service Centre, each with a capacity of 16,320 kilowatts, were placed in service before the end of the year. Installation of the other unit at the Service Centre will be completed early in 1966.

HARMON GENERATING STATION

HARMON GENERATING STATION—MATTAGAMI RIVER

<i>Location</i>	—About 55 miles north of Kapuskasing.
<i>Installed Capacity</i>	—129,200 kilowatts in 2 units, 60 cycles.
<i>Rated Head</i>	—102 feet.
<i>In Service</i>	—Unit 1, May 20, 1965; Unit 2, July 28, 1965.
<i>Actual Cost at</i>	

December 31, 1965 —\$23,448,000, including generation, step-up transformation, and high-voltage switching at the site.

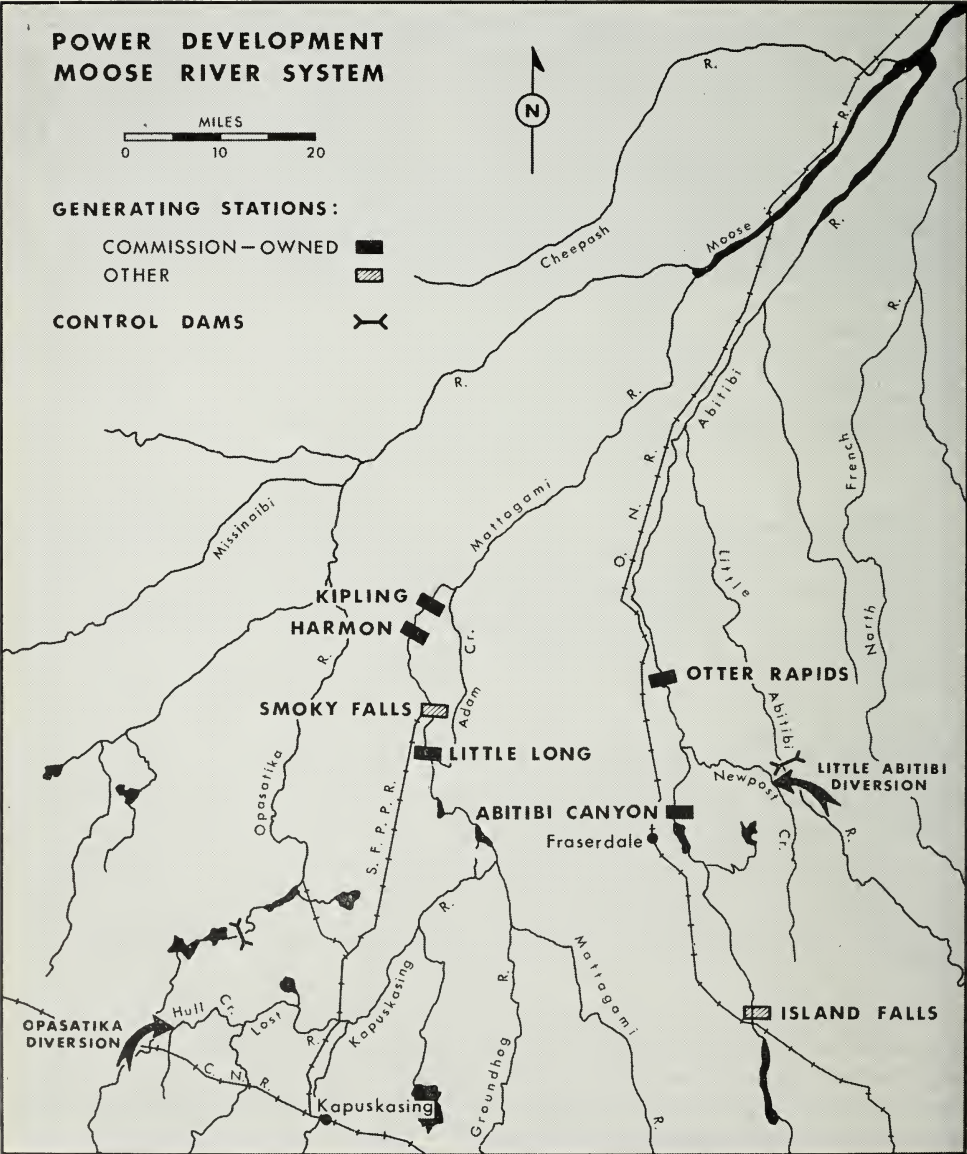
Harmon Generating Station was officially placed in service when the first of two units delivered power to the system on May 20, 1965. The second unit followed on July 28, 1965, marking the completion of the second of three hydraulic developments on the lower Mattagami River. The others are Little Long Generating Station 13 miles up stream, placed in service in 1963, and Kipling Generating Station 3 miles down stream, scheduled for operation in 1966.

All three stations are part of a broad plan for the development of a number of hydraulic sites in northeastern Ontario, particularly those on rivers forming part of the Moose River system. A brief review of how plans for these developments have taken shape was included in the Annual Report for 1963 in a descriptive article dealing with Little Long Generating Station (q.v.). The geography and geology of the Mattagami River there described apply equally to Harmon Generating Station which is situated in the same general area and subject to the same climatic conditions.

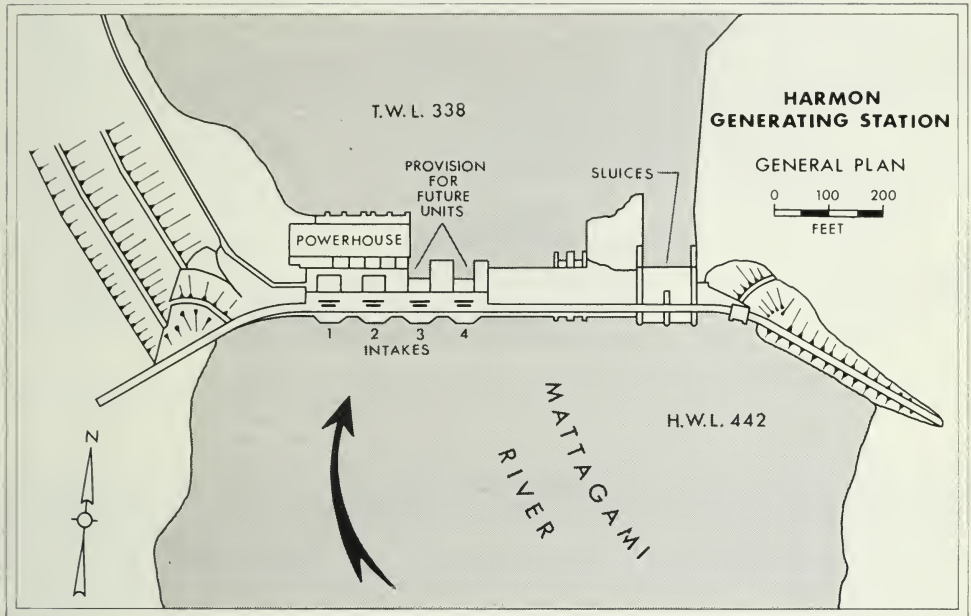
Harmon Generating Station receives the runoff from approximately 96 per cent of the 14,000-square-mile watershed of the Mattagami River. The diversion of part of the flow of the Opasatika River into the Mattagami River up stream from Little Long Generating Station provides for additional output, eventually at all three Mattagami River Stations.

The development of these far northern sites was economic only when the design of extra-high-voltage transmission facilities provided a solution to the problem of delivering the power at reasonable cost to markets in the southern part of the province. The full capability of all three stations will be realized in two stages, the first consisting of two units at each station operated at an average 60 per cent load factor for the production of energy, the second calling for the addition of two units at each station and the conversion of the stations to short-time peaking operation.

Employees engaged in construction at Harmon Generating Station were housed at the Little Long Generating Station Colony and transported to the



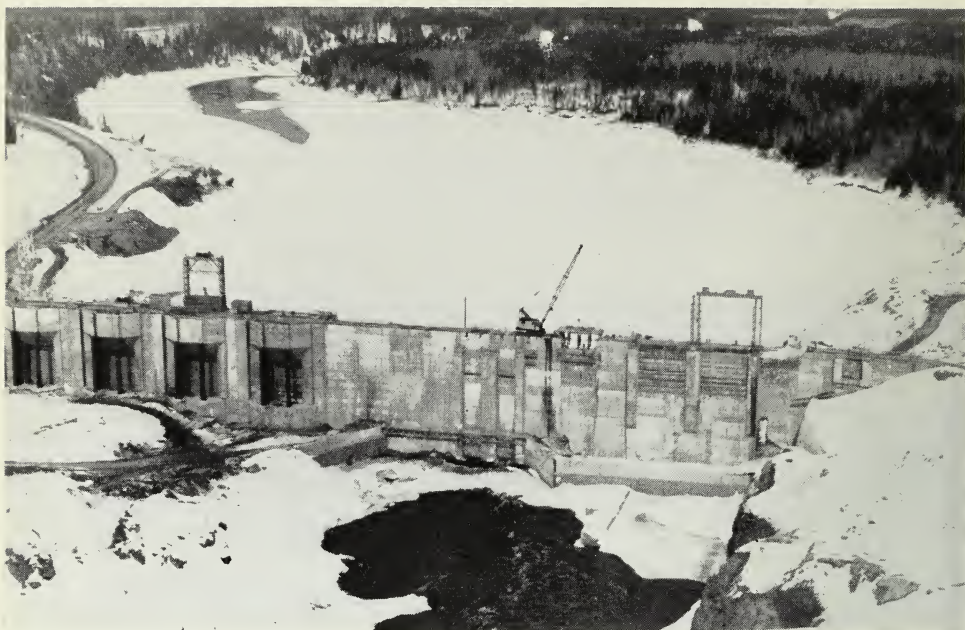
construction site by Commission buses. A construction and service area was established in a riverside clearing at about the mid point of the access road between Harmon and Kipling Generating Stations. The crusher plant, the concrete mixing plant and most of the service buildings originally established at Little Long Generating Station were dismantled and reassembled on new foundations in the Harmon Generating Station construction area.



Main Dam

The Harmon Generating Station essentially comprises a concrete power dam terminating in earth-fill extensions at either side of the river. In the concrete section, a four-unit headworks is separated by a gravity wall from two control sluices. The headworks stands in an excavation on the left or west bank, the gravity wall in the river channel, and the sluiceways are in an excavation on the right or east bank. The two-unit powerhouse was built at the western intake positions of the headworks, with the two remaining intakes including only the minimum provision essential for the later addition of the other two-unit powerhouse.

A three-stage method was devised for the control of river flow as construction progressed. In the first stage, a diversion channel 90 feet wide was excavated along the east bank. The river channel was then cofferdammed and the gravity section containing two diversion ports was constructed in the dry protected area. In the second stage, the cofferdams were breached and the river was permitted to flow through the completed diversion ports as well as through the diversion channel, while construction proceeded on the main dam on both banks of the river, and construction of the powerhouse began. In stage three the



HARMON GENERATING STATION — MATTAGAMI RIVER — At this March 1965 stage in construction, the entrances to the bell-mouthed intakes at the left are a prominent feature of the upstream face of the headworks structure. This intake design has been used at all three of the lower Mattagami River stations. The placement of the trash racks in three sections, each of which is approximately normal to the direction of the flow, and the flared shape of the intake which accelerates the water flowing in from the forebay at a relatively uniform rate, provide a significant improvement in hydraulic efficiency as compared with intakes of older design. The new design also requires the use of only one headgate per intake, and reduces costs of the headworks structure.

diversion channel was cofferdammed to permit construction of the sluiceway section while the diversion ports carried the full flow of the river.

Headworks and Penstocks

In the headworks, an integral part of the main dam, water passages are provided for each of the units planned for the station, two now installed and two for possible installation at some future time. The flared bell-mouth intakes are equipped with trash racks and checks for the insertion of service gates. At the headworks, control of flow to each turbine is effected by a headgate raised and lowered by an electric hoist. Hoisting service for the headworks and sluiceways is provided by the mobile crane that is to serve this purpose at all three Mattagami River stations.

Each water passage changes from rectangular to square, and then to circular cross-section for connection to a steel penstock elbow 28 feet in diameter. A short length of penstock provides the connection with the welded steel scroll-case. Since units 3 and 4 will not be installed for some time, the headworks structure for these units was carried only to the downstream point of the transition to circular cross section, and openings were provided for the later embedment of the steel penstocks.

Sluiceways

The two sluiceways, each 40 feet in width, are designed to pass a total of 43,000 cubic feet per second when the headwater is at elevation 442.0, and the gates are fully open.

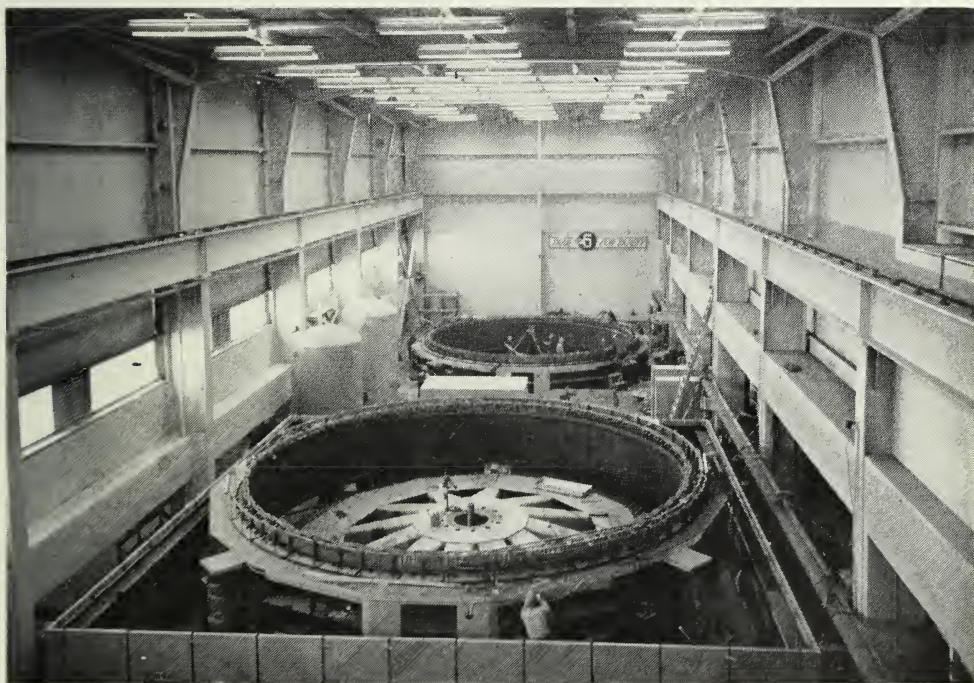
Superstructure

The metalclad superstructure enclosing the powerhouse and headworks is 220 feet long and 55 feet wide, supported on a prefabricated steel frame. The walls are of prefabricated panels of sheet aluminum and galvanized iron enclosing a layer of insulating material. The conventional tar and gravel roof is insulated on the inside.

Mechanical Equipment

The two fixed-blade propeller-type hydraulic turbines were manufactured by the John Inglis Co. Ltd., now associated with English Electric Canada. Though rated at 94,000 bhp each, the turbines are designed for maximum efficiency at from 88,000 to 92,000 bhp, operating at a speed of 100 rpm under a rated head of 101 feet.

The Canadian Westinghouse Company Limited supplied and installed the two 13.8-kv, 60-cycle, three-phase generators. They are designed to run either as generators or as synchronous condensers and are each rated at 68,000 kva, 0.95 power factor. Each generator is totally enclosed in a metal housing and is cooled by eight air-to-water heat exchangers.



HARMON GENERATING STATION — MATTAGAMI RIVER — The interior of the powerhouse as it appeared in March 1965 when assembly of the generator stators was nearing completion. Each stator has an inside diameter of 33.5 feet. Power generated by the two units, both now in service, is transmitted at 230,000 volts to Pinard Transformer Station about 35 miles to the southeast. From there it is carried by an extra-high-voltage transmission system to load centres in southern Ontario.

Power into the System

Power generated at 13.8 kv is conducted through an isolated-phase bus to metalclad switchgear equipped with high-speed air-blast circuit-breakers and is stepped up to 230 kilovolts by a bank of three single-phase, 60-cycle transformers.

Supervisory control of the station is maintained by very-high-frequency radio from Pinard Transformer Station, where equipment provides continuous telemetering of generator watts and vars for each unit, and 19 other quantities whenever they are required. A total of 114 annunciation points, of which 100 are now being used, serve for the local or remote indication of relay operations, oil levels, and the like.

TRANSFORMER STATIONS

Pinard Transformer Station will be the northern terminus of the 500-kv line that will bring power from the generating stations on the Abitibi and Mattagami Rivers to load centres in southern Ontario. A 600,000-kva, 500/230-kv transformer bank consisting of three single-phase autotransformers, together with an on-site spare, is scheduled to be placed in service there when the line is changed over to 500-kv operation in 1966. The 230-kv facilities at the station were expanded in 1965 to provide for the incorporation of Harmon Generating Station into the East System. The station contains a complex communication network comprising three main features: (1) very-high-frequency radio facilities for the remote control of four generating stations, (2) powerline carrier for voice and protection-control functions over the 500-kv line to Hanmer and Kleinburg Transformer Stations, and (3) cable facilities to Abitibi Canyon Generating Station.

Work is almost finished at Hanmer Transformer Station near Sudbury, where two 360,000-kva, 500/230-kv, three-phase autotransformers are being installed together with 500-kv switching facilities for the extra-high-voltage transmission between Pinard Transformer Station and the southern terminus of the line at Kleinburg Transformer Station northwest of Metropolitan Toronto. At Kleinburg Transformer Station, two 360,000-kva, 500/230-kv, three-phase autotransformers will be installed for initial service in 1966.

Western and Niagara Regions

The capacity of Allanburg Transformer Station was increased in 1965 by the placing in service of the 225,000-kva, 230/115-kv autotransformer which was mentioned in last year's Report as replacing a 115,000-kva autotransformer. Work is progressing at London-Wonderland Transformer Station where two 50,000/83,333-kva, 230—27.6-kv transformers are scheduled for service in 1966. At Sarnia-Vidal Transformer Station the addition of two 60,000/100,000-kva, 230—13.8-kv transformers for service early in 1967 will substantially supplement the present 115-kv facilities. Two 15,000-kva, 115—27.6-kv transformers were added at Galt Transformer Station, and at Strathroy Transformer Station, the second of two 15,000-kva, 115—26.6-kv transformers was replaced by one of 25,000/41,666-kva capacity.

The new Goderich Transformer Station, with an initial installation of two 15,000-kva, 115—27.6-kv transformers, is scheduled for service in 1966.

In the Hamilton area, operating security at Hamilton-Beach Transformer station was improved by the placing in service of two 225,000-kva, 230/115—13.8-kv autotransformers. A 115—44-kv transformer with a capacity of 25,000/41,666-kva was removed from this station and installed at DeCew Falls Generating Station No. 2. The capacities of Hamilton-Kenilworth and Hamilton-Gage Transformer Stations were both increased by the installation at each station of two 72,000/120,000-kva, 115—13.8-kv transformers with double secondary windings, the new transformers at Hamilton-Kenilworth replacing two of 40,000/66,666-kva capacity. Property was purchased for the erection of Hamilton-Elgin Transformer Station where two 45,000/75000-kva, 115—13.8-kv transformers, also with double secondary windings, are scheduled for service in the autumn of 1967.

A new transformer station is to be built in the vicinity of Dunnville where two 15,000-kva, 115—27.6-kv transformers will be placed in service in 1966. The capacity of St. Catharines-Glendale Transformer Station will be increased in 1966 when the replacement of two 15,000-kva transformers by two of 40,000/80,000-kva capacity will be completed.

Twenty-one 115-kv, oil circuit-breakers were replaced by air-blast circuit-breakers at Sir Adam Beck-Niagara Generating Station No. 1.

Central and Georgian Bay Regions

The capacity of Essa Transformer Station was increased when the second 115,00-kva, 230/115-kv autotransformer mentioned in last year's Report was placed in service as a replacement for a 78,000-kva transformer.

In the Toronto area, the new Toronto-Bermondsey Transformer Station was placed in service with two 75,000/125,000-kva, 230—27.6-kv transformers. Toronto-Finch Transformer Station will be placed in service in 1966.

The former 115-kv facilities at Oshawa-Thornton Transformer Station have been rebuilt for 230-kv service, and two 125,000-kva, 230—44-kv transformers were placed in service during 1965. A 50,000/83,333-kva, 115—44-kv transformer was installed there temporarily for the purpose of meeting the increased requirements of a large industrial customer eventually to be served at 230 kv. Oshawa-Wilson Transformer Station is a new station scheduled for service in 1967 with an initial installation of two 75,000/125,000-kva, 230—44-kv transformers.

Eastern Region

The second of two 50,000/83,333-kva, 230—44-kv transformers was placed in service at Brockville Transformer Station, replacing one of 25,000/41,666-kva capacity. Two similar replacements were effected at St. Lawrence Transformer Station. Two new transformer stations, Havelock and St. Isadore, are scheduled for initial service in 1967 with installations of two 25,000/41,333-kva, 230—44-kv transformers each.

South March Transformer Station, with an initial installation of two 25,000/41,666-kva, 115—44-kv transformers, was placed in service in 1965, but

initial operation of Arnprior Transformer Station, with a capacity of 25,000/41,666 kva originally scheduled for the autumn of 1965, was postponed until 1966.

Plans for the new Ottawa-Hinchey Transformer Station have been revised since the issue of last year's Report and the station is now scheduled for 1966 but with an initial capacity of 45,000/75,000-kva in two 115—11-kv transformers. Another new station, Ottawa-Nelson Transformer Station is planned for service in 1969.

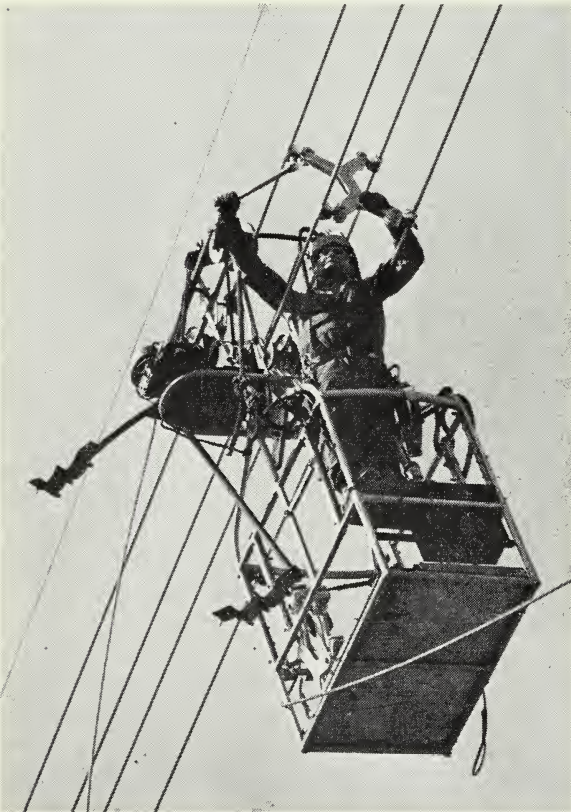
Northeastern Region

A 230-kv circuit-breaker was installed at R. H. Martindale Transformer Station on the line to Hanmer Transformer Station, which is in turn connected with that part of the ehv line between Hanmer and Essa Transformer Station temporarily operated at 230 kv.

TRANSMISSION LINES

The Commission's transmission network was extended during 1965 by the

net addition of 224 circuit miles at various voltages. The major undertaking was the completion of the 171-mile section of 500-kv line extending southward from Hanmer Transformer Station near Sudbury to Essa Transformer Station in the Barrie area. This section was placed in operation at 230 kv on June 30, 1965. The 37-mile section from Essa Transformer Station to Kleinburg Transformer Station is scheduled for service early in 1966. This section is particularly designed to withstand heavy ice and wind conditions in an area of concentrated load. The towers and the guy supports are of heavier design than those farther north, and the 0.85-inch conductor, which has a lower aluminum to steel ratio than the conductor on the sections to the north, is designed to cope with up to two inches of radial ice.



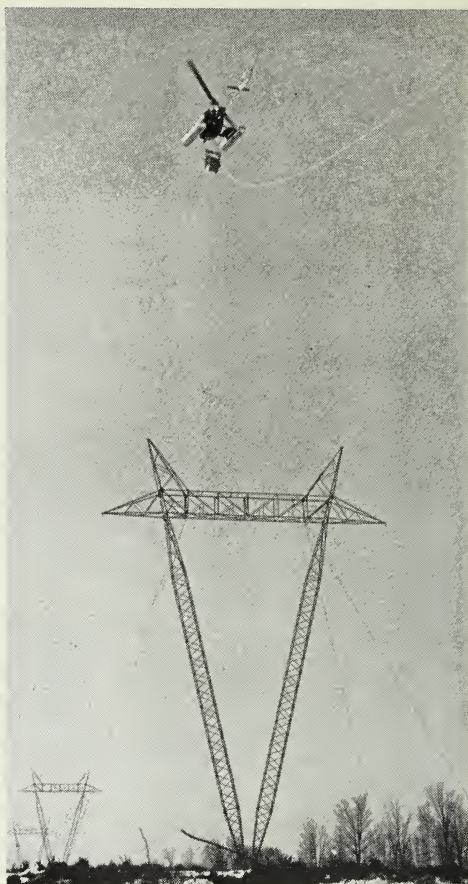
EHV LINE CONSTRUCTION — This worker is installing spacer-dampers on the four-conductor bundle forming one phase of the Commission's extra-high-voltage transmission line. The design of the cable-car will permit the operator to install spacers on one span, and then to swing past the insulators to the next span.

Construction is proceeding for the third Commission interconnection with the Detroit Edison Company. It is scheduled for service at 115 kv in December 1966, and for conversion to 345-kv operation in 1968. The 2,420-foot crossing of the St. Clair River at a point 2.5 miles down stream from Lambton Generating Station will be a 345-kv single circuit of 1.8-inch steel-reinforced aluminum conductor supported on crossing towers 320 feet in height. At mid span the conductor will be at least 154 feet above the river high-water level. A 13-mile section of 230-kv double-circuit tower line will be used initially at 115 kv as part of the interconnection. Linking Lambton Generating Station with Sarnia-Scott Generating Station, it will be reconnected for use at 230 kv in 1968 when the interconnection itself will be terminated at Lambton Generating Station and operated at 345 kv.

The six-mile line from Hannon Junction to Hamilton-Beach Transformer Station in the eastern part of Hamilton marks the first use by the Commission of a single-shaft tower with four circuit positions on the crossarm. V-type strings of insulators and short spans of line were required to keep conductor swings within the limits imposed by a 100-foot right of way.

Total Milage of Transmission Lines and Circuits

Voltage and Structure	Line Route or Structure Miles		Circuit Miles	
	At Dec. 31, 1964	At Dec. 31, 1965	At Dec. 31, 1964	At Dec. 31, 1965
EAST SYSTEM				
500,000-volt aluminum or steel tower...	227.52	401.56	227.52	401.56
230,000-volt steel tower.....	3,248.11	3,295.60	4,293.40	4,359.90
230,000-volt wood pole.....	252.01	252.01	252.01	252.01
230,000-volt underground cable.....	0.84	0.84	1.68	1.68
115,000-volt steel tower.....	1,978.33	1,980.57	3,286.53	3,284.13
115,000-volt wood pole.....	1,633.01	1,690.53	1,639.64	1,697.16
115,000-volt underground cable.....	28.91	34.96	61.86	67.91
60,000-volt steel tower.....	11.20	11.20	12.33	12.33
60,000-volt wood pole.....	3.31	3.31	3.31	3.31
44,000-volt and less wood and steel...	6,200.14	6,160.45	6,695.72	6,652.14
Total—East System.....	13,583.38	13,831.03	16,474.00	16,732.13
WEST SYSTEM				
115,000-volt steel tower.....	420.66	421.94	623.28	625.84
115,000-volt wood pole.....	876.52	873.36	876.52	873.36
69,000-volt wood pole.....	203.72	203.72	203.72	203.72
44,000-volt and less wood pole.....	607.81	574.39	648.13	614.71
Total—West System.....	2,108.71	2,073.41	2,351.65	2,317.63
Total—East and West Systems....	15,692.09	15,904.44	18,825.65	19,049.76



Two of the Commission's fleet of ten helicopters assist in the construction of transmission lines in relatively inaccessible country. The aircraft at the left is stringing conductor for a 50-mile, 115,000-volt line which, when completed in September 1965, brought power to Chapleau Township. Previously the Township had been supplied by isolated generating units. The machine at the right is paying out plastic rope in preparation for the stringing of the southern section of the Commission's 435-mile extra-high-voltage line.

The second circuit was strung for the 230-kv circuit between Harmon and Little Long Generating Stations to complete the incorporation of the former into the East System.

A line route was selected for a 106-mile, 230-kv double-circuit tower line from Marathon to Anjigami on the Algoma Central Railway near the Michipicoten River. This will serve as part of the interconnection that will eventually link the East and West Systems through the intermediate facilities of the Great Lakes Power Corporation. The construction of part of the 93 miles of 230-kv single-circuit wood-pole line between R. H. Martindale Transformer Station and the future Algoma Transformer Station is being advanced in order to stabilize the construction work load.

A 6.5-mile section of 230-kv double-circuit tower line was placed in service in June for the supply of Oshawa-Thornton Transformer Station, recently changed over to 230-kv operation.

In order to meet the requirements of a number of direct customers, among them major pipeline and mining companies, a total of nearly 70 miles of 115-kv line was under construction in 1965, approximately 30 miles of this total being placed in service. A further 53 miles of 115-kv, single-circuit line from Hollingsworth Falls Generating Station of the Great Lakes Power Company to Chapleau Distributing Station were completed for the supply of growing loads in the Chapleau area.

Savings to farm service customers of up to \$1,200 per customer have been achieved through the use of a new type of service-entrance installation for the supply of commercial-type farms having multiple sub-services and a service requirement of 200 amperes or over.

Designs have been prepared for the improvement in appearance of open structure rural distributing stations and of certain sub-transmission lines, in particular those crossing the 12-lane Macdonald-Cartier Freeway.

SECTION V

RESEARCH AND TESTING ACTIVITIES

WITH the expansion of its power systems to meet growing loads, the Commission advances at the ever accelerating rate that today marks all technological change. The design of generating plants, whether hydro-electric, conventional thermal-electric, or nuclear, calls for new methods of construction. The extension of the systems to include the new generation, the increased loads, or additional utility interconnections, creates problems of stability, communications, and control. The application of micro-electronics and computer techniques has brought about refinements of design, with resulting economies. New approaches and changes of emphasis have been called for in dealing with our customers' needs and in providing for their satisfaction. The continual development of new materials is an unceasing challenge to the extension and improvement of their application.

The following paragraphs describe briefly some of the significant achievements of the year, and suggest the wide scope and varied character of the Commission's research and testing activities. Some of these activities are described in more detail in the *Ontario Hydro Research Quarterly*.

AIDS TO DESIGN

Foundation Instrumentation

At the site of Lambton Generating Station, a glacial clay which extends to a shale bedrock at depths of up to 150 feet presents special problems in pile driving,



Used in studies of air pollution to measure the instantaneous value of sulphur-dioxide content of the atmosphere, this instrument is battery-operated, and is readily portable in a motor vehicle.

excavation, and soil foundation operations. Various extensive instrument systems were installed to monitor the behaviour of the soil during initial phases of work at the site and thereby to provide design information for subsequent construction.

Piezometers were located across the site in general, and in the vicinity of deep excavations and adjacent to pile-driving operations in particular, in order to determine the effects of these operations on water pressures in the soil, and on the stability of soil slopes. Heave gauges were placed in the soil below the proposed grade of the powerhouse and pumphouse structures and in the vicinity of the proposed coal pile. Readings taken with these gauges by simple sounding procedures indicated the elastic behaviour of the soil in response to both the removal and the addition of load. Lateral movement of the soil during excavation and simulated coal-pile loading was measured by use of an inclinometer gauge in flexible ducts installed in vertical holes adjacent to the pumphouse excavation and the coal-pile site. These simple measurement procedures produced significant data on the behaviour of soil during major construction operations, and the data were used to modify certain design assumptions in respect to soil behaviour.

Design of Bus Supports for Large Stations

Bus supports for large generating and transformer stations are usually designed to withstand mechanical stresses calculated on the assumption that the

peak instantaneous forces due to fault currents are applied continuously. This widely accepted practice disregards dynamic effects, however, and results in quite conservative designs for bus systems having a natural frequency much less than 60 cycles per second. Published data indicate that bus-support designs based only on static performance may have more than twice the strength required to withstand the actual transient forces. Hence, with system fault currents becoming increasingly large, refined design methods could result in considerable cost savings both in new plant, and in existing plant where conformance with the conventional method would require reinforcement of bus work.

To obtain more detailed information, a study was made, which included theoretical analyses and tests on a model bus. The work showed that the static requirement could be modified by factors of between 0.35 and 0.45, depending largely on the natural period of the bus system and on the time constant of the power system. Theoretical equations were derived which, by accounting for all the parameters involved, should result in more economical bus-structure designs.

Protective Coatings for Nuclear-Electric Power Plant Facilities

Protective coatings for use at certain locations in nuclear-electric power plants not only must withstand various levels of radioactivity, but also must



Spent natural uranium fuel, having passed through the reactor at Douglas Point Nuclear Power Station, will be stored in a water-filled bay approximately 64 feet long, 25 feet wide, 24 feet deep, and lined with stainless steel. The storage capacity thus provided is sufficient to hold all the spent fuel that would result from 40 years of operation at the 200,000-kw station. Since present plans do not call for reprocessing the fuel, no value is assigned to it in calculating the resources of Canadian nuclear stations.

meet other requirements peculiar to this service. To minimize gas and vapour transmission, the coatings must provide a strongly adherent, continuous, pore-free film on the uneven and porous concrete, and must withstand the chemicals and elevated temperatures used during decontamination procedures. In an evaluation of commercially available products, the coatings found to be most suitable for use in nuclear-electric power plants were catalyzed-epoxy and high-solids-solution vinyl systems. As a further result of the study, the use of airless spray painting equipment was recommended to obtain the lowest coating-application labour-time consistent with a minimum of such defects in the applied films as pinholing and solvent trapping, which are inherent with conventional spray applications.

Air Permeability of Concrete and Air Leakage at Joints, Pickering Generating Station Vacuum Building

At the Pickering Nuclear Generating Station now under construction, an important part of the containment system consists of a cylindrical concrete building housing the water dousing facility, and maintained under a partial vacuum. The building will be approximately 170 feet in diameter by 170 feet in height, and will have floor, wall, and roof thicknesses of at least two feet. For the purpose of estimating the vacuum-pump capacity, the permeability of specimens of the concrete to air was measured. The permeability varied widely with changes in moisture content of the concrete. With the moisture content expected, however, the permeability value indicates that moisture content in the outer quarter of the wall thickness will remain well below the critical level that would endanger durability of the concrete even at freezing temperatures. In addition, tests were made to determine the air seepage at joints in concrete sealed by plastic waterstops or organic sealants. These showed that joints made with plastic waterstops were more effectively sealed than those filled with organic sealants. The studies indicated that application of any sealing coat or insulation on the exterior surfaces of the vacuum building would be unnecessary.



A power-frequency flashover of a rod-to-rod protective gap. In a series of power-frequency and impulse tests, the effectiveness of protective rod gaps is determined under various conditions of over-voltage surges.

Proposed New Devices for Protecting Station Equipment Against Voltage Surges

At some locations on high-voltage systems, rod-to-rod gaps are used in place of more costly lightning arresters to provide adequate protection of power-station equipment against voltage surges. Tests were performed on a protective device in which the high-voltage electrode is a two-foot-diameter ring, and the ground electrode is a single rod. The test data indicate that such an arrangement is superior to the conventional rod-to-rod gap, and that it can provide effective and economical surge protection at the transmission-line terminals of 500-kv stations.

In a second series of tests, an investigation was made of the protective characteristics of a pipe-to-pipe gap consisting basically of an air gap between parallel vertical pipe electrodes. The corona, which appears on the pipes prior



This machine was developed for fatigue tests of lead alloys for sheaths of power cables. With the increasing use of lead-sheathed power cables, it has become essential to select sheath materials that will satisfactorily withstand the thermally induced stresses resulting from varying loads. Use of the machine will provide comparative data to permit the best choice of alloy for any particular application.

to flashover, improves the protection against steep-front voltage surges. The performance of this gap was found to surpass that of the rod gap currently used for the protection of 230-kv transformers. Field application is under study for those stations where existing surge protection is considered marginal.

Surge-Transfer Measurements of Power Transformers

A high-voltage surge entering one winding of a transformer is transmitted to the other windings by capacitive and inductive coupling; the severity of these transmitted surges depends not only on the magnitude and duration of the input surge, but also on the transformer winding arrangement and on the load connected to the unsurged terminals. In order to obtain data essential for the design of surge protection that will

ensure adequate service continuity with economy, studies were made of surge-transfer characteristics. An experimental technique was given preference because of the complex impedance characteristics of a transformer, and of other factors not easily expressed in mathematical terms. Instrumentation was developed which, by making possible low-voltage measurements on transformers either in the field or in the factory, permits prediction of surge amplitude and duration at all terminals for a variety of service conditions.

Grouting and Cathodic Protection of Post-Tensioned Cables in Concrete Dams

At two locations, tensioned cables were used to provide supplementary anchorage for concrete dams. In this method, one end of highly tensioned vertical steel cables is anchored in bedrock and the other end in the structure itself. In the rehabilitation of a municipally owned dam, the method was applied to ensure the required stability of the structure; at Kipling Generating Station, where it was also applied, the purpose was to provide structural stability during the interval between the first stage of construction and the time when additional generating units are installed.

In installations of this type it is vital to ensure that the highly tensioned cables do not corrode. To prevent this possibility, a carefully designed expanding grout of high quality was used, injected in a manner to ensure impermeability and freedom from shrinkage cracks. As further insurance against corrosion of the cables, a cathodic protection system was designed, and was installed at each dam.

CONSTRUCTION AIDS

Temperature Control of Concrete

It is imperative that the concrete of reactor buildings at nuclear-electric stations be completely free of cracks. To meet this requirement at the Douglas Point Station, intervals of at least fourteen days were prescribed between the placement of concrete in adjacent sections of the reactor-building walls. This allowed the concrete of each section to cool sufficiently to minimize the effects of thermal shrinkage. However, economies in construction would result if the cooling period could be shortened, and for this reason the relative efficiencies were studied of various techniques for reducing the amount of heat generated in concrete by hydration of cement, and for increasing the rate of cooling. Adoption of one or more of these techniques would lower peak temperatures and reduce thermal shrinkage, and thus permit a more rapid sequence of placement to be used without causing cracks to form or joints to open.

The techniques evaluated included the use of low-heat-producing cement, the use of fly ash as a partial replacement for cement, the use of ice as a replacement for mixing water, and the use of cooling either by spraying water on external surfaces or by passing water through embedded pipes. The study showed that the most effective technique was the water spray, which allowed the interval between placement of concrete in adjacent sections to be as short as two days. It also indicated that a combination of the external spray with internal cooling would permit almost continuous placement of the concrete. The information obtained in the study is expected to be of long-term value in dealing with recurring problems involving temperature rise in concrete.

Fastening Devices

The efficiency, durability, and installation aspects were appraised of more than 60 types of concrete and masonry anchors that Ontario Hydro uses to



High-voltage-cable test equipment is shown being connected to the pothead of a 115-kv cable. By means of the equipment in the testing van, direct voltages of up to 600 kv can be applied for cable acceptance tests, or for maintenance checks of the quality of the cable insulation. The vehicle also carries equipment for locating faults in power cables.

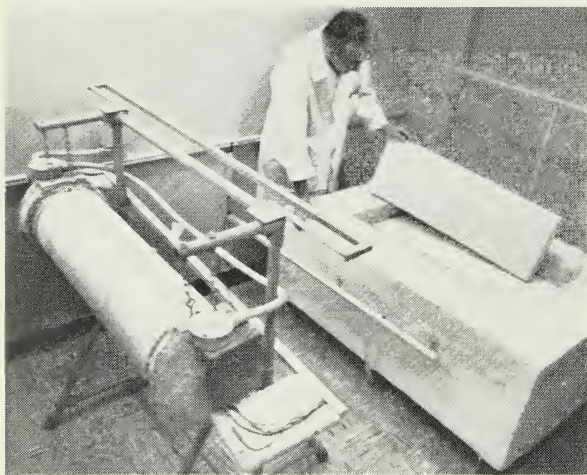
attach machinery and structural members to masonry surfaces. The anchors were compared in terms of pull-out strength, vibration resistance, and time and tools required for installation. Consideration was given also to shear strength, weatherability, hole size and depth, and anchor-material physical properties. The results will provide guidance in economic selection and application of the various anchor types.

AIDS TO OPERATION

Improvement of Interconnected-System Performance by Voltage-Regulator Adjustments

At times of high load, exchanges of power between Ontario Hydro's West System and the interconnected systems of Manitoba Hydro and the Saskatchewan Power Corporation have been limited by power oscillations on certain important circuits. During the past year, Ontario Hydro participated jointly with the

Saskatchewan Power Corporation and Manitoba Hydro in carrying out stability tests on the three systems. As part of the investigation, computer studies made in the laboratory indicated that certain readjustments to voltage-regulator settings would have the optimum effect on system performance. These settings were subsequently confirmed by stability tests at Robert H. Saunders - St. Lawrence Generating Station. On the basis of the test results, voltage regulators on all three systems have since been so readjusted that operation at higher power flows is now possible without serious oscillations.



The apparatus at the left is used for determining the thermal conductivity of pipe insulation, and the hot-plate apparatus at the right, for determining the thermal stability of insulation in block form. The test equipment is designed to simulate the service temperatures of equipment operating at up to 1200°F. in thermal-electric generating stations.

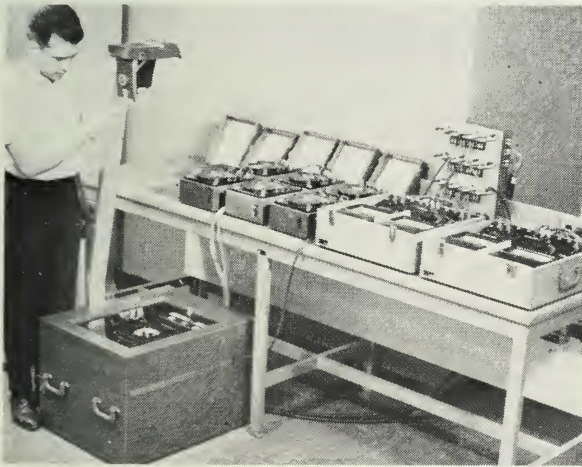
Conductor-Temperature Monitor for High-Voltage Transmission Lines

Depending on system loading conditions, a short-term need arises at times for the transmission of large amounts of power over certain circuits, and during such periods the thermal limit of the conductors on these circuits may be approached. To eliminate the possibility of unintentionally exceeding this limit and thus perhaps altering the physical properties of the conductor, a means was sought of continuously measuring the conductor temperature and displaying the measurements at a control room.

For the purpose a special conductor-temperature telemeter was designed, built, and placed in service on a river-crossing tower in an interconnection with a neighbouring power system. The novel feature of the device is the use of a train of ultrasonic pulses having a variable repetition rate to transmit the temperature data from the high-voltage conductor through a solid porcelain insulator to the ground-potential end of the insulator. From there the information is transmitted to the control room via a direct-wire circuit. Power to operate the line-end equipment is derived from a special saturating current transformer through which the line conductor passes. By this arrangement the telemeter is self-powered from the conductor whenever line currents exceed 40 amperes, and can withstand high fault currents without damage.

Special Equipment for Power Measurements at Thermal-Electric Stations

The accurate determination of electrical output plays an important part in performance testing of new thermal-electric units, and in the re-testing of older units. To improve the accuracy of electric-power measurements, the Commission has built three special assemblies of instruments, and has procured three special instrument voltage transformers to supply the instruments.



Instrument assemblies for measuring active power, reactive power, and energy in generator-efficiency tests. Such tests are of increasing importance for the larger thermal units now being installed, and these assemblies permit the electrical quantities to be measured more accurately than before.

The special instrument assemblies comprise three separate consoles for the measurement of active power, reactive power, and energy. The console for energy measurement houses four temperature-controlled reference standard watt-hour meters that can be conveniently checked one against the other. During a test run, the meter dials

and a timer dial are photographed simultaneously at specified intervals; the output of a generator can thus be determined more accurately than before.

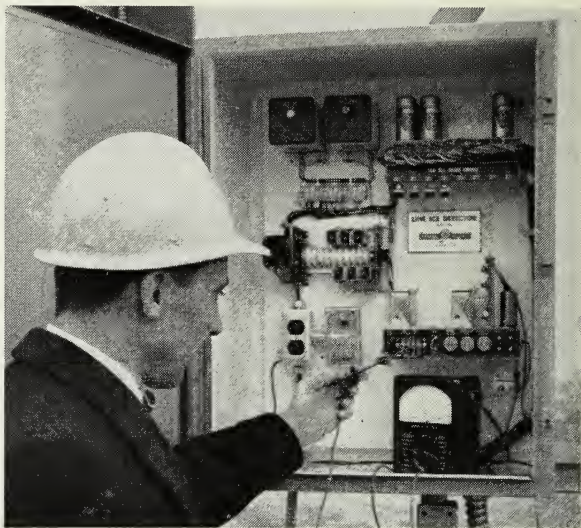
AIDS TO MAINTENANCE AND REPAIR

Transient Fault Locator for the EHV Line

Equipment is being developed for locating transient as well as permanent line faults, and possibly even icing conditions, on the Commission's ehv line.

Operating on the pulse-echo (Linascop) principle, the locator is designed to transmit short-duration, high-frequency voltage pulses along the line, and to display on an oscilloscope screen the return echoes from a fault. Previously, because of the complexity of both the equipment and the 230-kv system, use of the pulse-echo method was restricted to locating permanent faults only, with the line out of service.

For live-line operation, the voltage pulses will be fed to the line through coupling condensers at a frequency and shape so chosen as both to minimize interference with existing low-frequency power-line carriers and to avoid disturbance to aeronautical beacon signals above 200 kilocycles. On occurrence of a transient fault, a photographic record of the return echo will be obtained automatically, before the circuit breakers open. This record is expected to indicate the location of the fault within a few towers, and thus enable quick inspection and evaluation of any damage to the line.



ELECTRONIC EQUIPMENT FOR LINE-ICE DETECTION — New equipment installed at a transmission tower detects the build-up of ice on the conductors of high-voltage transmission lines during winter storms. The sensing element for each circuit is a strain-gauge-type dynamometer inserted between the tower and the ground-potential end of the insulator of one phase. Each dynamometer weighs the ice that forms on a single span of one conductor. The equipment shown, installed at the base of the tower, amplifies the signals from the dynamometer and telemeters them to the system control centre. The system operator, if ice is forming, can then take the necessary action to avoid power interruption.

Tests made with the ehv line operating at 230 kv indicate a possibility of applying the method for fault location over distances as great as 200 miles.

Quick-Setting Shotcrete for Rock-Face Protection

In the rehabilitation of the Queenston-Chippawa Power Canal, pneumatically applied mortar, or shotcrete, was used extensively to protect the rock surfaces above the concrete lining. With conventional shotcrete, however, ground-water seeping from the rock surfaces at some places tended to destroy the bond with the rock before the material could set sufficiently, causing large sections to fall away. In a laboratory study, an admixture was sought that would produce within two minutes sufficient set in the shotcrete to withstand the flow of water. Of fifty mixes tried, one was selected which not only met the setting requirements but had strength and durability properties equivalent to those of good air-entrained concrete. This mix proved adequate in controlling the water seepage, and allowed satisfactory shotcreting progress to be maintained.

Development of Wood-Pole Ground-Line Treatments

With the number of wood poles that have been in service for at least two decades increasing year by year, the Commission has found it necessary to re-examine the methods in use for prolonging the service lives of these poles. Various ground-line preservatives and treating methods were studied extensively during the past three years, utilizing pole-stub specimens in test plots and full-size poles in field trials. A viscous ground-line preservative was developed, embodying an efficient organic wood preservative and a toxic water-soluble inorganic salt, and capable of being applied by a bandage method to excavated poles. A hollow spade was developed for pressure injection of the viscous preservative around the base of standing poles. This tool is effective where a reinforcing preservative treatment is required without soil removal; it offers considerable savings in treatment time and excavation labour.

Pelletized Herbicides for Woody Growth Control

Root-absorbed herbicides applied as pellets offer several advantages for control of conifer species and clumps of other resistant brush, and for the rapid clean-up of scattered woody growth on rights of way. Although the effectiveness of such herbicides containing picloram or fenuron is well established, an economical application method for the pellets has been lacking. Previous procedures, namely manual spreading and the use of seed distributors, are slow and rather inefficient. Recent studies, however, showed that herbicide pellets can be applied rapidly and uniformly from a modified back-pack mist blower. By means of simple equipment modifications, uniform pellet distribution patterns are possible at practical application rates. Field trials indicated that significant labour savings result from this method.

Replenishment of Corrosion Inhibitor in Steam Turbine Oils

Centrifuging of steam-turbine oils to remove contaminating water tends to leach the corrosion inhibitors from the oil and can leave the lubricating system with little or no corrosion protection. A method developed for determining the amounts of inhibitor in the oils in service permits replenishment of the inhibitor before the content becomes dangerously low. The resistance of inhibitors to water leaching can also be determined for new oils, and a requirement can be included, if necessary, in purchasing specifications.

SECTION VI

STAFF RELATIONS

TECHNOLOGICAL and other changes that are occurring rapidly today in many areas of employment result in the continued need for training and retraining of staff. The Commission's effort in this direction must of course be accompanied by diligent application and study on the part of the employees affected. During 1965 over 1,200 members of the staff participated in the many courses offered at the Commission's Conference and Development Centre, courses that included technical and trades training, safety workshops, seminars for supervisors and instructors, and study programs for both sales staff and staff for nuclear projects.

A new four-year apprentice course for linemen was introduced in 1965. Apprentices in the course spend two weeks of each year in formal training at the Conference and Development Centre, and the remainder of the time in controlled specific on-the-job development.

The pressing need for improved training facilities will be met by a new Conference and Development Centre which is to be built in Mono Township near Orangeville. Construction is expected to begin in mid 1966.

The present accelerated program of capital construction, particularly in thermal-electric engineering, has greatly increased the Commission's requirements for professional and technical staff. In a year when recruitment was particularly



At the Richview System Control Centre, the assistant supervising engineer gives orientation guidance to a small group of the nearly one hundred engineers added to the Commission's staff during 1965. The production supervisor at the left, apparently undisturbed, continues with his normal activities.

difficult, the Commission was able to add nearly 100 engineers to its staff, the majority of whom were attached to design and construction units working on developments for conventional coal-fired, or nuclear-electric generating stations.

The Commission, working in co-operation with the Colombo Plan and the United Nations Training Program, gave assistance to countries engaged in establishing or extending their own electrical power developments. Contact training was provided for personnel from Ceylon, India, Jamaica, and Pakistan. Assistance abroad as referred to in earlier reports was continued with the training of personnel for the operation of hydro-electric developments in Iran and Ghana.

The average number of Commission employees rose slightly in 1965 from 14,531 to 14,996. The number of regular employees was up from 12,091 to 12,207 and the number of temporary employees from 2,440 to 2,789.

Labour Relations

Approximately 12,000 of the Commission's employees were collectively represented in 1965 by a total of 16 unions, which include both craft and industrial bargaining units.

Since major agreements negotiated in 1964 were still in force until various dates in 1966, both management and union representatives were free to devote more time to joint committee work and to co-operative preparation for future

bargaining. Negotiations were limited to two new agreements covering construction work at the Lambton and Pickering Generating Station projects.

Committee work ranged from the resolution of normal individual grievances through matters of group concern such as functional reorganization and problems

arising from technological change, to items which affect all employees. These joint activities have brought management - union experience under regular review and have led to the mutual acceptance of survey information and statistics for use in future bargaining. This has established a more favourable atmosphere for the resolution of problems, and contributed to a broader understanding of the points at issue.

The Society of Ontario Hydro Professional Engineers and Associates continues to provide a channel through which a large segment of the Commission's professional employees may bring their considered judgment to bear on matters of administration and policy. A harmonious yet realistic relationship was continued throughout the



These carpenters, at a northern power project, are building a form which will be used to support concrete placed at the transition from the rectangular cross-section of one of the intakes in the headworks to the circular cross-section of the penstock conveying water to the turbine. The Commission's careful but extensive use of insecticides permits workers to enjoy the short northern summer comparatively free from the usual plague of black flies and mosquitoes.

year by the activities of the Joint Society-Management Committee.

Medical Services

Constant attention is being given to the medical needs of those most directly affected by health hazards in conventional thermal-electric or nuclear-electric generation, and by new techniques in automation and communication. A radiation protection training course has been prepared for general use to supplement that already prepared for those with professional or advanced academic training.

During the early summer, in conjunction with the Atherosclerosis Committee of the Canadian Heart Foundation, the Commission undertook a survey of all employees in Metropolitan Toronto in order to determine their susceptibility to atherosclerosis.

With the progressive expansion of the Commission's generating facilities on the Abitibi and Mattagami Rivers, and the large increase in numbers of operating staff domiciled at the Abitibi Canyon Colony, the community facilities there have

been considerably expanded and modernized. A well-equipped hospital was opened to replace the former medical facilities, and a new recreation centre is being built. Use is already being made of a road now under construction which, when completed, will link the community with the provincial highway network at Smooth Rock Falls.

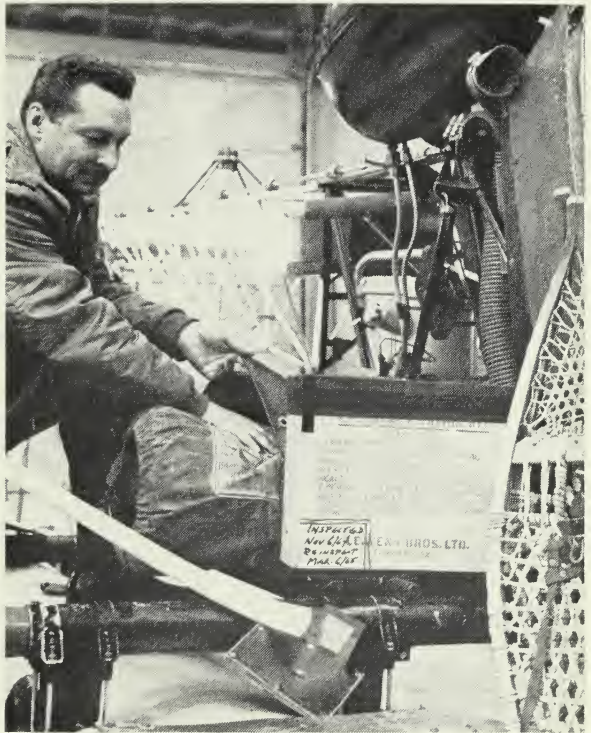
Field construction medical services were also provided at Little Long, Douglas Point, Lakeview, and Mountain Chute Generating Stations.

Accident Prevention

Though the actual number of disabling injuries was slightly down from 1964 and the number of man-hours worked was slightly up, the injury frequency rate remained unchanged from the record low of ten per million man-hours worked, established in 1964. It was, however, below the average for the past five years. The severity rate, reflecting one additional fatal accident in 1965, rose to 1,400 days per million man-hours worked, somewhat in excess of the previous five-year average. The motor vehicle accident frequency rate remained unchanged at ten per million miles driven as in each of the two previous years, but at that level was about 15 per cent below the five-year average.

The most effective training in accident prevention is that which is translated into on-the-job vigilance and discipline. This can best be achieved through the wholehearted participation of foremen and supervisors who direct the work crews. Special effort has been given to assist these supervisors in providing interesting and effective instruction that will prompt co-operative response from their staffs at the regular weekly or monthly training sessions.

The National Safety Council Award of Merit was granted to the Orillia Rural Operating Area upon the completion of over one million man-hours without a disabling injury between October 21, 1952 and June 30, 1965.



"TAKE FIVE FOR SAFETY"— In all of the Commission's operations high priority and constant attention are given to matters affecting the health and safety of its employees. Here, one of Ontario Hydro's helicopter pilots checks his survival kit before taking off for an assignment in northern Ontario.

Pension and Insurance Funds

The amounts held in trust by the Commission in the Pension and Insurance Fund, and the Employees' Savings and Insurance Fund stood respectively at \$179,154,000 and \$871,000 at December 31, 1965.

Extensive work was required preparatory to the introduction of arrangements for integrating the Commission's contributory pension plan with the Canada Pension Plan, effective January 1, 1966.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

PENSION AND INSURANCE FUND

SAVINGS AND INSURANCE FUND

STATEMENT OF ASSETS

as at December 31, 1965

	Pension and Insurance Fund	Savings and Insurance Fund	Total
	\$	\$	\$
Investments			
Bonds and stocks—			
Federal and provincial government and government-guaranteed bonds (par value \$129,674,000).....	126,844,765	687,702	127,532,467
Corporation bonds (par value \$18,629,000).....	18,575,546	.....	18,575,546
Stocks.....	11,827,591	.....	11,827,591
Total bonds and stocks.....	157,247,902	687,702	157,935,604
(approximate market value \$151,735,000)			
First mortgages on real estate.....	16,762,254	.....	16,762,254
Real property leased to others.....	408,927	.....	408,927
Total investments.....	174,419,083	687,702	175,106,785
Cash.....	130,642	.....	130,642
Accrued interest.....	1,873,182	3,783	1,876,965
Receivable from The Hydro-Electric Power Commission of Ontario.....	2,731,239	179,232	2,910,471
Total funds.....	179,154,146	870,717	180,024,863

NOTES

1. In the above statement, bonds are included at amortized cost, stocks at cost, first mortgages on real estate at balance of principal outstanding, and real property at cost less amortization.
2. Payments during 1965 into the Pension and Insurance Fund were made on a basis considered appropriate by a consulting actuary, and payments during the year into the Savings and Insurance Fund were made as required by the Plan.

AUDITOR'S REPORT

We have examined the statement of assets of The Hydro-Electric Power Commission of Ontario Pension and Insurance Fund and Savings and Insurance Fund as at December 31, 1965. Our examination included a general review of the accounting procedures and such tests of accounting records and other supporting evidence as we considered necessary in the circumstances.

In our opinion the accompanying statement presents fairly the assets of the Funds as at December 31, 1965.

CLARKSON, GORDON & CO.
Chartered Accountants.

Toronto, Canada,
May 6, 1966.

APPENDIX I—OPERATIONS

THE table of power resources and requirements gives for each system and in total the primary peak requirements for the month of December, and the dependable capacity of the Commission's resources at the time those peak requirements occurred. A separate table on pages 92 and 93 gives the December dependable capacity and maximum output of each Commission-owned station and each source of purchased power, the capacity given for purchased power sources being based on the terms of the purchase contract.

Prior to 1965 the dependable capacity of any station was defined as the net output the station could be counted on either to equal or exceed 85 per cent of the time, and the dependable capacity of the systems was the sum of these figures. Following the completion in 1965 of further studies of the output of total system resources under historical stream-flow conditions, a new conception of the over-all risks arising from stream-flow variability led to the adoption of values that could be equalled or exceeded 98 per cent of the time, as a criterion for the East System capacity. That is to say, the output is likely to be worse than that quoted only once in fifty years. While the same criterion is used for the capacity of each station individually in the East System, there is little probability that all stations will experience these outputs simultaneously because of diversity from one river to another, for which allowance is made in the table. West System dependable capacities on the same basis are expected to be available in 1966.

The Analysis of Energy Sales on pages 96 and 97 shows how the kilowatt-hours generated or purchased by the Commission and the associated municipal utilities were distributed to the various classes of ultimate customers or to inter-connected systems.

Statistics of peak loads and capacities are given, as elsewhere in the Report, in kilowatts rather than in horsepower. The kilowatt figures may be converted to horsepower by assuming that one horsepower is equivalent to 0.746 kilowatts.

THE COMMISSION'S POWER RESOURCES — 1965

		Dependable Capacity*	Maximum Output*	Annual Energy Output (net)
		kw	kw	kwh
East System				
<i>River</i>	<i>Hydro-Electric Generating Stations</i>			
Niagara	‡Sir Adam Beck-Niagara No. 1	434,000	460,000	2,942,464,100
	Sir Adam Beck-Niagara No. 2	1,330,000	1,357,500	6,519,339,300
	Pumping Generating Station	110,000	178,000	124,550,900
	†Ontario Power		97,000	13,111,000
	†Toronto Power			157,900
Welland Canal	DeCew Falls No. 1	31,000	36,500	140,751,400
	DeCew Falls No. 2	124,000	139,000	928,945,200
Adjustment to Niagara River stations to compensate for use of water by Ontario Hydro rather than by another producer		75,000		
Muskoka	Ragged Rapids	7,500	7,350	45,445,000
	Big Eddy	7,100	7,350	42,958,140
South Muskoka	South Falls	4,200	4,500	25,636,860
	Trethewey Falls	1,600	1,700	10,435,200
Beaver	Hanna Chute	1,200	1,300	8,808,940
	Eugenia	5,400	5,200	18,061,200
Severn	Big Chute	4,300	4,290	26,729,500
Saugeen	Hanover	250	230	1,262,380
	Heely Falls	11,400	11,250	78,316,540
Trent	Ranney Falls	8,600	4,855	46,922,780
	Meyersburg	5,200	5,775	36,855,570
	Sidney	3,100	3,250	21,471,190
	Hagues Reach	3,400	3,600	23,197,710
	Seymour	3,100	3,340	19,360,370
	Frankford	2,600	2,400	14,184,200
	Sills Island	1,600	1,381	6,194,160
	Auburn	1,800	1,838	11,387,450
Otonabee	Lakefield	1,700	1,150	9,725,750
St. Lawrence	Robert H. Saunders-St. Lawrence	646,000	841,000	5,357,888,000
	Des Joachims	371,000	366,000	2,334,175,100
Ottawa	Otto Holden	192,000	220,000	1,189,302,000
	Chenau	115,000	122,000	768,271,000
Madawaska	Chats Falls (Ontario half)	77,000	84,200	543,607,100
	Stewartville	65,000	66,000	251,015,900
	Barrett Chute	42,000	41,000	207,404,600
	Calabogie	3,900	3,990	25,314,990
Mississippi	High Falls	2,600	2,550	14,912,790
	Galetta	800	780	4,412,930
Rideau	Merrickville	800	615	2,827,110
Abitibi	‡Abitibi Canyon	226,000	180,900	1,310,107,000
	Otter Rapids	174,000	176,000	769,746,000
Mississagi	George W. Rayner	46,000	46,510	345,397,800
	Red Rock Falls	40,000	38,400	231,856,000
Mattagami	Little Long	125,000	130,000	609,144,500
	Harmon	119,000	140,000	274,169,200
	†Wawaitin	10,700	10,500	59,822,080
	†Lower Sturgeon	3,900	6,000	46,905,511
	†Sandy Falls	2,600	2,730	19,544,338
Montreal	Upper Notch	8,000	8,300	53,705,400
	Hound Chute	3,400	4,000	28,942,400
	Indian Chute	3,000	3,000	20,000,320
	Fountain Falls	2,000	2,000	16,533,710
Wanapitei	Stinson	5,700	5,600	25,797,130
	Coniston	4,100	3,900	23,997,400
	McVittie	2,100	2,000	13,916,200
Matabitchuan	Matabitchuan	10,000	9,930	69,241,240
Sturgeon	Crystal Falls	8,000	8,400	35,912,860
South	Nipissing	1,600	1,650	10,087,750
	Elliott Chute	1,200	1,440	6,428,830
	Bingham Chute	900	920	4,933,460
Diversity—Adjustment due to difference between the calculation of capacity on an individual plant basis and for the System as a whole		50,000		
Total hydro-electric—East System		4,391,350		25,542,175,789
<i>Location</i>	<i>Thermal-Electric Generating Stations</i>			
Windsor	J. Clark Keith	256,000	245,000	694,571,300
Toronto	Richard L. Hearn	1,200,000	1,290,000	5,209,137,600
	Lakeview	1,070,000	1,070,000	4,740,874,000
Rolphton	Nuclear Power Demonstration		21,000	120,139,000
Chapleau	Chapleau (diesel-electric)			1,180,800
Toronto	A. W. Manby T.S. (combustion turbine generation)	39,000	53,000	2,344,320
	Sarnia-Scot T.S. (combustion turbine generation)	35,000	27,100	1,584,000
Total thermal-electric—East System		2,600,000		10,769,831,020
Total generated—East System		6,991,350		36,312,006,809

THE COMMISSION'S POWER RESOURCES — 1965

		Dependable Capacity*	Maximum Output*	Annual Energy Output (net)
		kw	kw	kwh
East System—Continued				
<i>Sources of Purchased Power</i>				
Detroit Edison Co.....			222,000	732,381,000
Niagara Mohawk Power Corp.....			103,000	1,553,710,000
Canadian Niagara Power Co.....				288,000
Power Authority of the State of New York.....			287,000	600,237,000
Quebec Hydro-Electric Commission.....		348,000	556,900	3,012,783,839
Maclaren-Quebec Power Co.....		93,000	106,200	590,840,000
Ottawa Valley Power Co.....		77,000	84,200	544,850,900
Abitibi Power and Paper Co. Ltd.....			58,500	52,195,180
Great Lakes Power Corp. Ltd.....		1,800	12,609	100,093,132
Miscellaneous (relatively small suppliers).....		1,500	29,984	24,128,595
Total purchased—East System.....		521,300		7,211,507,646
West System				
<i>River</i>	<i>Hydro-Electric Generating Stations</i>			
Nipigon	Pine Portage.....	119,200	125,500	785,855,100
	Cameron Falls.....	76,700	75,500	547,412,000
	Alexander.....	60,900	66,500	430,793,400
English	Caribou Falls.....	79,300	76,500	536,151,000
	Manitou Falls.....	65,700	68,250	436,834,700
Kaministiquia	Ear Falls.....	15,900	18,000	126,180,600
	Silver Falls.....	45,100	47,600	264,006,000
	Kakabeka Falls.....	25,000	24,900	159,005,700
Winnipeg	Whitedog Falls.....	61,700	58,000	417,045,000
Aguasabon	Aguasabon.....	44,000	46,800	299,534,260
Total hydro-electric—West System.....		593,500		4,002,817,760
<i>Location</i>	<i>Thermal-Electric Generating Stations</i>			
Fort William	Thunder Bay.....	93,000		5,431,710
Total generated—West System.....		686,500		3,997,386,050
<i>Sources of Purchased Power</i>				
Manitoba Hydro-Electric Board.....			4,800	6,833,966
Total purchased—West System.....				6,833,966
Total generated.....		7,677,850		40,309,392,859
Total purchased.....		521,300		7,218,341,612
Total generated and purchased.....		8,199,150		47,527,734,471

*The power capacity and output referred to in this table are the 20-minute peaks for the month of December.

Since the various maximum outputs do not coincide, their sum is not the peak load of the system.

†25 cycles.

‡25 and 60 cycles.

POWER RESOURCES

		DECEMBER DEPENDABLE		
		Commission Stations		
		Hydro-Electric	Thermal-Electric†	Total
		kw	kw	kw
East System.....	1965	4,391,350	2,600,000	6,991,350
	1964	4,445,250	2,027,000	6,472,250
Net increase or <i>decrease</i>		53,900	573,000	519,100
West System.....	1965	593,500	93,000	686,500
	1964	593,500	93,000	686,500
Net increase.....		.....	.....	.....
Total.....	1965	4,984,850	2,693,000	7,677,850
	1964	5,038,750	2,120,000	7,158,750

*The capacities shown are those available for a 20-minute period at the times of system primary peak demand in December, the capacity of purchased power sources being based on the terms of the purchase contract. Requirements shown are the December coincident peaks for each system and their arithmetical sum.

Energy Made Available by the Commission

	1964		1965		Increase or decrease
	kwh		kwh		per cent
EAST SYSTEM					
Generated (net)					
hydro-electric.....	23,249,084,737		25,542,175,789		9.9
thermal-electric and combustion turbine....	8,581,118,700		10,769,831,020		25.5
Total generated.....	31,830,203,437		36,312,006,809		14.1
Purchased.....	8,655,867,139		7,211,507,646		16.7
Primary.....		37,643,614,970		40,471,751,780	7.5
Secondary.....		2,842,455,606		3,051,762,675	7.4
Total.....	40,486,070,576	40,486,070,576	43,523,514,455	43,523,514,455	7.5
WEST SYSTEM					
Generated (net)					
hydro-electric.....	3,886,096,430		4,002,817,760		3.0
thermal.....	5,578,690		5,431,710		..
Total generated.....	3,880,517,740		3,997,386,050		3.0
Purchased.....	32,343,465		6,833,966		78.9
Primary.....		2,987,871,666		3,112,397,539	4.2
Secondary.....		924,989,539		891,822,477	3.6
Total.....	3,912,861,205	3,912,861,205	4,004,220,016	4,004,220,016	2.3
TOTAL					
Generated (net)					
hydro-electric.....	27,135,181,167		29,544,993,549		8.9
thermal-electric and combustion turbine....	8,575,540,010		10,764,399,310		25.5
Total generated.....	35,710,721,177		40,309,392,859		12.9
Purchased.....	8,688,210,604		7,218,341,612		16.9
Primary.....		40,631,486,636		43,584,149,319	7.3
Secondary.....		3,767,445,145		3,943,585,152	4.7
Total.....	44,398,931,781	44,398,931,781	47,527,734,471	47,527,734,471	7.0

AND REQUIREMENTS

CAPACITY*				
Sources of Purchased Power	Total Dependable Capacity*	Primary Power Requirements*	Reserve	Ratio of Reserve to Requirements
kw	kw	kw	kw	per cent
521,300	7,512,650	7,344,331	168,319	2.3
617,000	7,089,250	6,745,290	343,960	5.1
95,700	423,400	599,041	.....	....
.....	686,500	474,080	212,420	44.8
.....	686,500	464,910	221,590	47.7
.....	.....	9,170	.....	....
521,300	8,199,150	7,818,411 ‡ ‡
617,000	7,775,750	7,210,200 ‡ ‡

‡There is no interconnection between the East and West Systems.

†Includes combustion turbine generation.

ENERGY SALES

Municipal Electrical Utilities during 1965

SALES BY THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO			
To Retail Customers			
In Certain Towns and Villages Served by Commission Distribution Facilities	In Rural Areas	To Direct Customers	TOTAL
kwh	kwh	kwh	kwh
147,471,000	1,459,057,800	.....	10,882,463,057
.....	122,354,200	.....	122,354,200
147,471,000	1,581,412,000	.....	11,004,817,257
79,383,800	435,773,100	.....	5,424,486,285
26,725,700	907,222,800	9,007,606,719	21,583,483,865
.....	.....	669,623,018	669,623,018
.....	1,170,321,600	.....	1,170,321,600
3,722,900	18,654,100	.....	372,911,105
.....	.....	129,276,381	129,276,381
.....	.....	3,192,448,816	3,192,448,816
257,303,400	4,113,383,600	12,998,954,934	43,547,368,327
.....	.....	1,180,800	.....
.....	.....	.....	1,068,167,820
.....	.....	.....	200,198,623
.....	.....	.....	202,635,677
257,303,400	4,113,383,600	13,000,135,734	44,212,701,847
13,139,476	312,565,867	325,705,343
.....	2,989,327,281
.....	47,527,734,471

APPENDIX II—FINANCIAL

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FIXED

Statement Showing Changes during

PROPERTY	In		
	Balance December 31, 1964	Changes	
		Placed in Service	Equipment Relocated and Reclassified
	\$	\$	\$
Power Supply Facilities			
HYDRO-ELECTRIC GENERATING STATIONS			
Niagara River			
Sir Adam Beck-Niagara No. 1	88,113,596	8,564,050	110,447
Sir Adam Beck-Niagara No. 2	265,311,755	8,423	69,689
Pumping-Generating Station	40,459,283	.....	68,541
River remedial works and control structure	10,259,164	31,029	.....
Ontario Power	21,992,947	162,250	.....
Toronto Power	11,546,739	.....	.....
Welland Canal			
DeCew Falls	27,352,703	107,201	121,856
St. Lawrence River			
Robert H. Saunders-St. Lawrence. .	301,737,137	173,750	.....
Ottawa River			
Des Joachims	75,116,522	45,230	.....
Otto Holden	59,170,392	34,907	965,019
Chenau	29,873,474	334	.....
Chats Falls	8,289,092	8,616	.....
Ogoki Diversion	5,052,955	.....	.....
Madawaska River			
Stewartville	12,543,428	1,574	.....
Barrett Chute	4,880,356	1,138	.....
Mountain Chute . . . . .	.....	.....	.....
Abitibi River			
Abitibi Canyon	23,516,239	901,088	.....
Otter Rapids	33,147,222	61,683	.....
Mississagi River			
George W. Rayner	18,567,105	4,583	4,106
Red Rock Falls	16,891,308	.....	.....
Mattagami River			
Little Long	45,129,681	527,786	.....
Harmon . . . . .	.....	23,286,742	.....
Kipling . . . . .	.....	.....	.....
Nipigon River			
Pine Portage	32,005,545	4,351	.....
Cameron Falls	15,607,393	29,179	5,939
Alexander	11,789,416	238,425	22,442
English River			
Caribou Falls	24,179,908	47,000	.....
Manitou Falls	15,518,336	452	.....
Kaministiquia River			
Silver Falls	16,002,722	120	2,493
Winnipeg River			
Whitedog Falls	21,308,734	.....	.....
Aguasabon River			
Aguasabon	12,771,980	759	2,714
Other properties	57,224,002	1,837,998	203,231
Total Hydro-Electric Generating Stations	1,305,359,134	36,067,984	1,204,861

ASSETS

Year 1965 and Balances at December 31, 1965

SERVICE		UNDER CONSTRUCTION DECEMBER 31, 1965	TOTAL FIXED ASSETS DECEMBER 31, 1965	EXPENDITURES DURING 1965
during Year	Balance December 31, 1965			
Sales and Retirements				
\$	\$	\$	\$	\$
211,684	96,355,515	279,705	96,635,220	4,445,062
32,137	265,357,730	117,477	265,475,207	100,756
.....	40,390,742	154,142	40,544,884	8,946
.....	10,290,193	23,463	10,313,656	101,260
307,206	21,847,991	88,151	21,936,142	138,624
.....	11,546,739	.....	11,546,739	.....
50,988	27,530,772	23,300	27,554,072	82,493
505,318	301,405,569	181,482	301,587,051	221,273
130,358	75,031,394	101,648	75,133,042	68,907
4,130	60,166,188	9,838	60,176,026	21,849
23,392	29,850,416	34,818	29,885,234	34,129
3,090	8,294,618	14,430	8,309,048	7,741
.....	5,052,955	.....	5,052,955	.....
5,376	12,539,626	28,421	12,568,047	28,530
250	4,881,244	113,422	4,994,666	94,677
.....	.....	11,409,660	11,409,660	9,279,935
8,772	24,408,555	2,843,921	27,252,476	3,031,342
.....	33,208,905	35,628	33,244,533	91,651
3,499	18,554,917	23,707	18,578,624	18,850
.....	16,891,308	4,939	16,896,247	3,236
.....	45,657,467	87,671	45,745,138	615,051
.....	23,286,742	161,737	23,448,479	3,318,642
.....	.....	19,106,850	19,106,850	12,502,263
4,528	32,005,368	17,488	32,022,856	19,966
5,441	15,637,070	62,497	15,699,567	58,502
79,979	11,970,304	235,288	12,205,592	226,117
.....	24,226,908	3,960	24,230,868	128,507
.....	15,518,788	.....	15,518,788	.....
1,221	16,004,114	6,058	16,010,172	3,273
.....	21,308,734	3,666	21,312,400	15,654
193	12,768,314	.....	12,768,314	750
338,596	58,926,635	3,060,102	61,986,737	1,635,078
1,716,158	1,340,915,821	38,233,469	1,379,149,290	35,795,240

FIXED

Statement Showing Changes during

PROPERTY	IN		
	Balance December 31, 1964	Changes	
		Placed in Service	Equipment Relocated and Reclassified
	\$	\$	\$
Power Supply Facilities (Continued)			
THERMAL-ELECTRIC GENERATING STATIONS			
Conventional			
J. Clark Keith.....	46,569,406	84,575	.....
Richard L. Hearn.....	146,980,650	34,289	.....
Lakeview.....	107,114,507	29,506,726	55,374
Lambton.....	.....	.....	.....
Thunder Bay.....	27,039,577	326,376	85,428
Nuclear—Portion of cost borne by the Commission	.....	.....	.....
Douglas Point.....	.....	.....	.....
Pickering.....	.....	.....	.....
Combustion turbines.....	.....	7,845,000	.....
Other properties.....	902,818	1,324	.....
Total Thermal-Electric Generating Stations.....	328,606,958	37,798,290	140,802
Total Generating Stations.....	1,633,966,092	73,866,274	1,345,663
TRANSFORMER STATIONS.....	302,014,335	12,268,548	1,350,732
TRANSMISSION LINES.....	327,060,644	25,024,997	653,418
COMMUNICATION EQUIPMENT.....	14,595,621	867,761	1,080
RETAIL DISTRIBUTION PLANT AND EQUIPMENT.....	317,341,594	18,014,672	657,407
Total Power Supply Facilities.....	2,594,978,286	130,042,252	.....
Administrative and Service Land, Buildings, and Equipment			
LAND AND BUILDINGS.....	32,278,694	791,821	.....
OFFICE AND SERVICE EQUIPMENT.....	12,822,954	1,153,486	.....
Total Administrative and Service Land, Buildings, and Equipment	45,101,648	1,945,307	.....
TOTAL FIXED ASSETS.....	2,640,079,934	131,987,559	.....

ASSETS

Year 1965 and Balances at December 31, 1965

SERVICE		UNDER CONSTRUCTION DECEMBER 31, 1965	TOTAL FIXED ASSETS DECEMBER 31, 1965	EXPENDITURES DURING 1965
during Year	Balance December 31, 1965			
Sales and Retirements				
\$	\$	\$	\$	\$
6,000	46,647,981	48,587	46,696,568	83,916
4,184	147,010,755	235,793	147,246,548	230,072
	136,676,607	47,536,988	184,213,595	35,048,168
		6,318,829	6,318,829	5,182,605
	27,451,381		27,451,381	1,041
		3,296,593	3,296,593	386,029
		3,233,069	3,233,069	2,842,891
	7,845,000	2,636,321	10,481,321	10,481,321
	904,142	1,380,393	2,284,535	368,579
10,184	366,535,866	64,686,573	431,222,439	54,624,622
1,726,342	1,707,451,687	102,920,042	1,810,371,729	90,419,862
3,151,639	309,780,512	17,492,110	327,272,622	18,734,479
1,776,766	349,655,457	14,048,279	363,703,736	19,726,720
644,137	14,820,325	601,064	15,421,389	844,135
7,651,820	328,361,853	2,019,290	330,381,143	18,065,985
14,950,704	2,710,069,834	137,080,785	2,847,150,619	147,791,181
3,156,413	29,914,102	3,037,673	32,951,775	1,006,528
255,986	13,720,454		13,720,454	1,153,486
3,412,399	43,634,556	3,037,673	46,672,229	2,160,014
18,363,103	2,753,704,390	140,118,458	2,893,822,848	149,951,195

Sales and Retirements during 1965

Charged to accumulated depreciation.....	\$11,893,994
Charged to construction in progress.....	49,541
Charged to operations.....	42,711
Proceeds from sales.....	6,376,857
	<u>\$18,363,103</u>

ACCUMULATED DEPRECIATION
for the Year Ended December 31, 1965

	POWER SUPPLY FACILITIES		ADMINISTRATIVE AND SERVICE BUILDINGS AND EQUIPMENT	TOTAL
	Generation, Transformation, Transmission, and Communications	Retail Distribution		
	\$	\$	\$	\$
Balances at December 31, 1964.....	300,659,755	86,474,763	12,550,219	399,684,737
Add:				
Provision in the year in- cluding interest at 3% per annum on accumu- lated depreciation on plant not fully depre- ciated				
Direct.....	31,377,265	11,486,535	.....	42,863,800
Indirect.....	12,412	.....	1,333,521	1,345,933
Transfers.....	124,382	124,382	.....	.....
Excess of salvage re- coveries over removal costs on assets retired..	286,631	133,137	900	418,868
Other adjustments.....	92,965	14,615	.....	107,580
	332,304,646	98,233,432	13,882,840	444,420,918
Deduct:				
Cost of fixed assets retired less proceeds from sales.	5,504,104	4,738,608	1,651,282	11,893,994
Balances at December 31, 1965.....	326,800,542	93,494,824	12,231,558	432,526,924

FREQUENCY STANDARDIZATION ACCOUNT
for the Year Ended December 31, 1965

	Former Southern Ontario System	Former Northern Ontario Properties	Total
	\$	\$	\$
Balances at December 31, 1964	142,570,442	875,512	143,445,954
Add interest for year	5,262,148	24,067	5,286,215
	147,832,590	899,579	148,732,169
Deduct amortization charged to cost of power	19,781,502	899,579	20,681,081
Balances at December 31, 1965	128,051,088	.....	128,051,088

BONDS PAYABLE AS AT DECEMBER 31, 1965

Date of Maturity	Callable on or after	Date of Issue	Interest Rate	Principal Outstanding Dec. 31, 1965
PAYABLE IN CANADIAN FUNDS— <i>Guaranteed as to principal and interest by the Province of Ontario:</i>				
			$\%$	\$
Jan. 15, 1966	Jan. 15, 1964	Jan. 15, 1956	$3\frac{3}{4}$	10,237,500
Mar. 1, 1966	Mar. 1, 1965	Mar. 1, 1958	4	31,871,000
May 1, 1966	May 1, 1964	May 1, 1951	$3\frac{1}{2}$	24,035,000
Jan. 15, 1967	Jan. 15, 1965	Jan. 15, 1952	4	34,603,500
Mar. 15, 1967	Mar. 15, 1964	Mar. 15, 1953	$4\frac{1}{4}$	26,477,500
April 1, 1967	April 1, 1965	April 1, 1949	3	41,164,500
April 1, 1967	April 1, 1964	April 1, 1947	$2\frac{3}{4}$	14,327,000
Nov. 1, 1967	Nov. 1, 1964	Nov. 1, 1952	$4\frac{1}{4}$	15,364,500
Nov. 1, 1967	Nov. 1, 1964	Nov. 1, 1952	$4\frac{1}{4}$	23,816,500
Jan. 15, 1968	Jan. 15, 1966	July 15, 1949	3	41,721,000
April 15, 1968	April 15, 1966	April 15, 1952	4	32,460,000
Oct. 1, 1968	Oct. 1, 1965	Oct. 1, 1947	$2\frac{3}{4}$	19,213,000
July 1, 1969	.....	July 1, 1959	$5\frac{3}{4}$	11,909,500
July 15, 1969	July 15, 1966	July 15, 1953	$4\frac{1}{4}$	27,664,000
July 15, 1969	July 15, 1966	July 15, 1953	$4\frac{1}{4}$	19,786,500
Nov. 1, 1969	Nov. 1, 1967	Nov. 1, 1949	3	48,518,000
Jan. 1, 1970	.....	Jan. 1, 1930	$4\frac{3}{4}$	9,292,000
Feb. 15, 1970	.....	Feb. 15, 1960	6	14,724,000
April 1, 1970	April 1, 1968	April 1, 1950	3	52,546,000
June 15, 1970	.....	June 15, 1962	$4\frac{1}{2}$	12,425,500
July 15, 1970	.....	July 15, 1960	$5\frac{1}{4}$	4,862,500
Oct. 15, 1970	Oct. 15, 1969	Oct. 15, 1958	$4\frac{1}{2}$	4,718,000
Feb. 1, 1971	.....	Feb. 1, 1964	5	15,997,500
Feb. 15, 1971	.....	Feb. 15, 1961	$5\frac{1}{4}$	5,300,000
Mar. 1, 1971	.....	Mar. 1, 1963	5	13,500,000
June 1, 1971	June 1, 1961	June 1, 1946	$2\frac{3}{4}$	18,035,000
Nov. 15, 1971	.....	Nov. 15, 1961	$4\frac{3}{4}$	6,841,500
June 15, 1973	June 15, 1971	June 15, 1950	3	54,300,000
July 15, 1974	July 15, 1972	July 15, 1956	4	49,138,000
Oct. 15, 1974	Oct. 15, 1972	Oct. 15, 1956	$4\frac{1}{2}$	26,390,500
Aug. 15, 1975	Aug. 15, 1972	Feb. 15, 1957	$4\frac{3}{4}$	34,907,000
Jan. 15, 1976	Jan. 15, 1974	Jan. 15, 1956	4	49,226,000
Nov. 15, 1976	Nov. 15, 1974	Nov. 15, 1957	5	35,576,000
Mar. 1, 1977	Mar. 1, 1975	Mar. 1, 1955	$3\frac{1}{2}$	39,200,000
April 1, 1977	April 1, 1974	April 1, 1957	5	78,344,000
Mar. 1, 1978	Mar. 1, 1976	Mar. 1, 1958	$4\frac{1}{2}$	35,483,000
Oct. 15, 1978	Oct. 15, 1976	Oct. 15, 1958	5	49,145,000
May 15, 1979	May 15, 1974	May 15, 1954	$3\frac{1}{2}$	35,000,000
July 1, 1979	.....	July 1, 1959	$5\frac{3}{4}$	33,383,000
Oct. 15, 1979	Oct. 15, 1974	Oct. 15, 1954	$3\frac{1}{2}$	49,975,000
Feb. 15, 1980	Feb. 15, 1978	Feb. 15, 1960	6	31,938,000
July 15, 1980	July 15, 1978	July 15, 1960	$5\frac{1}{2}$	41,770,500
Feb. 15, 1981	Feb. 15, 1979	Feb. 15, 1961	$5\frac{1}{2}$	42,737,500
June 15, 1982	June 15, 1979	June 15, 1962	5	35,486,000
Mar. 1, 1983	Mar. 1, 1980	Mar. 1, 1963	$5\frac{1}{4}$	44,338,000
June 15, 1983	June 15, 1979	June 15, 1963	5	55,483,600
Nov. 15, 1983	Nov. 15, 1980	Nov. 15, 1961	$5\frac{1}{4}$	42,130,000
Feb. 1, 1984	Feb. 1, 1981	Feb. 1, 1964	$5\frac{1}{4}$	55,668,500
Oct. 1, 1984	Oct. 1, 1980	Oct. 1, 1964	$5\frac{1}{4}$	65,000,000
Feb. 1, 1985	Feb. 1, 1981	Feb. 1, 1965	$5\frac{1}{4}$	75,000,000
				1,641,030,600

BONDS PAYABLE AS AT DECEMBER 31, 1965—Concluded

Date of Maturity	Callable on or after	Date of Issue	Interest Rate	Principal Outstanding Dec. 31, 1965
PAYABLE IN UNITED STATES FUNDS— <i>Held by the Province of Ontario and having terms identical with issues sold in the United States by the Province of Ontario on behalf of the Commission:</i>				
May 15, 1971	May 15, 1956	May 15, 1951	$3\frac{1}{4}\%$	\$ 48,741,000
Sept. 1, 1972	Sept. 1, 1956	Sept. 1, 1951	$3\frac{1}{4}\%$	42,417,000
Feb. 1, 1975	Feb. 1, 1958	Feb. 1, 1953	$3\frac{1}{4}\%$	46,953,000
Nov. 1, 1978	Nov. 1, 1958	Nov. 1, 1953	$3\frac{5}{8}\%$	48,648,000
Mar. 15, 1980	Mar. 15, 1959	Mar. 15, 1954	$3\frac{1}{8}\%$	29,920,000
May 15, 1981	May 15, 1961	May 15, 1956	$3\frac{1}{8}\%$	44,316,000
Feb. 1, 1984	Feb. 1, 1969	Feb. 1, 1959	$4\frac{3}{4}\%$	73,471,000
Sept. 15, 1990	Sept. 15, 1987	Sept. 15, 1965	$4\frac{3}{4}\%$	50,000,000
				384,466,000
Exchange Premium (Net) at date of issue.....				2,774,224
				387,240,224
Total bonds payable.....				2,028,270,824

Summary of Changes in Bonds Payable during the Year Ended December 31, 1965

Outstanding at December 31, 1964.....	\$1,990,170,034
Less redemptions during the year.....	90,711,710
	1,899,458,324
Add new bond issues during the year.....	128,812,500
Outstanding at December 31, 1965.....	\$2,028,270,824

ADVANCES FROM THE PROVINCE OF ONTARIO AS AT DECEMBER 31, 1965

Annuity bonds repayable to the Province in accordance with the terms of Province of Ontario bonds issued in part for the purposes of the Commission

Date of Maturity	Interest Rate	Balances of Advances Outstanding December 31, 1965 (Payable in Canadian, United States, or Sterling Funds)
May 15, 1966-1968.....	4%	\$ 1,495,384
May 15, 1966-1970.....	$4\frac{1}{2}\%$	2,155,680
Jan. 15, 1966-1971.....	$4\frac{1}{2}\%$	1,601,400
June 1, 1966-1971.....	4%	2,200,799
Total advances.....		7,453,263

Summary of Changes in Advances from the Province of Ontario during the Year Ended December 31, 1965

Balance of advances at December 31, 1964.....	\$9,102,657
Less repayments during the year.....	1,649,394
Balance of advances at December 31, 1965.....	\$7,453,263

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COST OF			
	Average of Monthly Peak Loads	Energy	Operating Costs and Fixed Charges	Frequency Standardi- zation	Credits Resulting from Matured Debt Retirement Fund	Total before Reserve With- drawals
	kw	megawatt- hours	\$	\$	\$	\$
Acton.....	5,206.4	26,567.6	212,587	26,032	10,596	228,023
Ailsa Craig.....	409.7	1,949.6	17,778	2,049	2,094	17,733
Ajax.....	8,582.1	47,254.3	337,763			337,763
Alexandria.....	2,959.7	15,188.4	128,930		7,941	120,989
Alfred.....	767.1	3,560.8	31,177			31,177
Alliston.....	3,152.0	17,091.5	138,618		3,580	135,038
Almonte.....*	2,259.6	11,193.4	92,314			92,314
Alvinston.....	270.7	1,187.6	11,855	1,353	3,939	9,269
Amherstburg.....	3,820.7	23,823.6	166,602	19,104	7,401	178,305
Ancaster.....	2,560.6	13,212.8	103,338	12,803	2,970	113,171
Apple Hill.....	117.0	534.2	5,052		560	4,492
Arkona.....	189.5	1,621.6	9,938	947		10,885
Arnprior.....	5,006.5	26,765.7	211,381			211,381
Arthur.....	921.0	4,570.8	40,720		3,294	37,426
Athens.....	563.1	2,770.6	24,108			24,108
Atikokan.....	3,686.1	21,181.5	167,152			167,152
Aurora.....	6,934.3	38,521.6	271,777	34,672		306,449
Avonmore.....	194.7	866.0	8,115			8,115
Aylmer.....	4,841.6	24,797.6	190,247	24,208	8,290	206,165
Ayr.....	825.3	3,956.4	36,253	4,126	1,879	38,500
Baden.....	949.0	4,326.2	37,743	4,745	6,282	36,206
Bancroft.....*	1,383.3	6,034.6	59,040			59,040
Barrie.....	22,897.7	132,000.0	899,466		15,757	883,709
Barry's Bay.....	557.2	2,637.7	24,436			24,436
Bath.....	405.1	2,067.4	17,658			17,658
Beachburg.....	393.0	1,764.3	16,131			16,131
Beachville.....	2,534.5	16,734.9	107,422	12,673	8,858	111,237
Beamsville.....	1,943.7	10,284.5	73,781	9,718		83,499
Beaverton.....	1,674.5	8,822.3	65,518		2,123	63,395
Beeton.....	567.7	2,823.2	27,296		3,385	23,911
Belle River.....	909.0	4,701.6	40,660	4,545	1,574	43,631
Belleville.....	26,053.3	151,276.9	1,014,755			1,014,755
Belmont.....	1,103.9	5,224.5	45,450	5,520	13	50,957
Blenheim.....	1,831.2	9,408.0	78,460	9,156	7,833	79,783
Bloomfield.....	478.7	2,142.6	19,141			19,141
Blyth.....	764.5	4,111.9	33,378	3,822	2,045	35,155
Bobcaygeon.....	1,021.1	5,672.0	46,295			46,295
Bolton.....	1,451.6	7,597.2	63,151	7,258	3,063	67,346
Bothwell.....	493.4	2,369.4	21,023	2,467	4,350	19,140
Bowmanville.....	9,030.1	49,035.5	356,066			356,066

*See note 2, page 124.

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1965

PRIMARY POWER				RATES		
Withdrawals from Reserve for Stabilization of Rates and Contingencies	Cost of Primary Power Allocated	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	Interim	Actual	
				per Kw per Annum	per Kw per Annum	Mills per Kwh
\$	\$	\$	\$	\$	\$	
1,515	226,508	228,854.76	2,346.76	43.96	43.50	8.53
119	17,614	17,444.83	169.17	42.58	42.99	9.03
2,498	335,265	336,629.70	1,364.70	39.22	39.07	7.09
861	120,128	122,088.75	1,960.75	41.25	40.59	7.91
223	30,954	31,485.75	531.75	41.05	40.35	8.69
917	134,121	140,369.28	6,248.28	44.53	42.55	7.85
658	91,656	95,747.10	4,091.10	42.37	40.56	8.19
79	9,190	9,725.79	535.79	35.93	33.95	7.74
1,112	177,193	176,922.06	270.94	46.31	46.38	7.44
745	112,426	112,243.63	182.37	43.83	43.91	8.51
34	4,458	4,647.32	189.32	39.72	38.10	8.35
55	10,830	9,934.26	895.74	52.42	57.15	6.68
1,457	209,924	208,379.28	1,544.72	41.62	41.93	7.84
268	37,158	36,869.30	288.70	40.03	40.34	8.13
164	23,944	24,477.18	533.18	43.47	42.52	8.64
1,073	166,079	164,115.84	1,963.16	44.52	45.06	7.84
2,018	304,431	305,175.33	744.33	44.01	43.90	7.90
57	8,058	8,079.35	21.35	41.50	41.39	9.30
1,409	204,756	206,634.90	1,878.90	42.68	42.29	8.26
240	38,260	39,045.81	785.81	47.31	46.36	9.67
276	35,930	36,277.44	347.44	38.23	37.86	8.31
403	58,637	60,085.44	1,448.44	43.44	42.39	9.72
6,664	877,045	852,642.09	24,402.91	37.24	38.30	6.64
162	24,274	24,617.44	343.44	44.18	43.56	9.20
118	17,540	17,422.85	117.15	43.01	43.30	8.48
114	16,017	16,431.78	414.78	41.81	40.76	9.08
738	110,499	109,188.98	1,310.02	43.08	43.60	6.60
566	82,933	81,678.09	1,254.91	42.02	42.67	8.06
487	62,908	64,281.20	1,373.20	38.39	37.57	7.13
165	23,746	24,149.00	403.00	42.54	41.83	8.41
265	43,366	43,904.88	538.88	48.30	47.71	9.22
7,583	1,007,172	1,011,591.47	4,419.47	38.83	38.66	6.66
321	50,636	50,706.56	70.56	45.93	45.87	9.69
533	79,250	79,126.38	123.62	43.21	43.28	8.42
139	19,002	19,132.07	130.07	39.97	39.70	8.87
223	34,932	36,215.22	1,283.22	47.37	45.70	8.50
297	45,998	45,869.64	128.36	44.92	45.05	8.11
422	66,924	68,252.31	1,328.31	47.02	46.10	8.81
144	18,996	19,690.97	694.97	39.91	38.50	8.02
2,628	353,438	350,609.69	2,828.31	38.83	39.14	7.21

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COST OF			
	Average of Monthly Peak Loads	Energy	Operating Costs and Fixed Charges	Frequency Standardi- zation	Credits Resulting from Matured Debt Retirement Fund	Total before Reserve With- drawals
	kw	megawatt- hours	\$	\$	\$	\$
Bracebridge.....*	676.9	2,002.5	23,973			23,973
Bradford.....	2,086.4	11,316.0	91,488		3,594	87,894
Braeside.....	1,784.0	7,685.5	66,610			66,610
Brampton.....	27,379.5	146,750.0	1,032,074	136,897	25,095	1,143,876
Brantford.....	53,352.8	301,170.1	2,043,276	266,764	165,009	2,145,031
Brantford Twp.....	7,581.6	40,814.0	302,371	37,908	768	339,511
Brechin.....	154.8	740.4	6,704		874	5,830
Bridgeport.....	1,176.6	6,320.0	48,859	5,883		54,742
Brigden.....	267.5	1,235.2	11,774	1,338	2,755	10,357
Brighton.....	1,840.3	10,163.5	75,057			75,057
Brockville.....	19,065.3	103,487.2	721,336		20,896	700,440
Brussels.....	670.5	3,302.4	29,483	3,352	3,088	29,747
Burford.....	874.8	4,121.7	35,499	4,374	2,313	37,560
Burgessville.....	222.4	898.0	8,856	1,112	919	9,049
Burk's Falls.....	787.1	4,279.2	35,451			35,451
Burlington.....	44,098.1	244,443.1	1,724,836	220,491	275	1,945,052
Cache Bay.....	259.1	1,067.7	11,728			11,728
Caledonia.....	1,258.1	6,897.6	52,684	6,290	3,927	55,047
Campbellford.....*	1,232.4	2,738.4	38,855			38,855
Campbellville.....	162.3	804.8	6,865	812	370	7,307
Cannington.....	738.4	3,942.4	31,822		1,527	30,295
Capreol.....	2,104.0	11,748.6	92,645			92,645
Cardinal.....	958.2	4,803.0	41,073			41,073
Carleton Place.....	3,431.8	19,493.0	154,388		18,197	136,191
Casselman.....	946.7	3,990.4	40,138			40,138
Cayuga.....	567.3	3,043.4	25,147	2,836	2,437	25,546
Chalk River.....	548.1	3,027.0	22,894			22,894
Chapleau Twp.....	442.7	2,176.0	18,752			18,752
Chatham.....	27,155.6	145,410.2	1,026,231	135,778	68,372	1,093,637
Chatsworth.....	285.3	1,388.8	12,177		575	11,602
Chesley.....	1,371.1	6,366.8	58,638		4,862	53,776
Chesterville.....	1,661.8	8,043.7	72,551		4,543	68,008
Chippawa.....	1,561.6	8,195.2	63,074	7,808	3,718	67,164
Clifford.....	421.5	2,129.6	18,515	2,107	1,233	19,389
Clinton.....	2,536.7	13,591.7	105,260	12,684	8,711	109,233
Cobden.....	711.1	3,505.2	28,480			28,480
Cobourg.....	12,403.6	69,707.5	488,890		7	488,883
Cochrane.....	3,463.7	17,978.8	123,033			123,033
Colborne.....	1,067.1	5,894.4	48,370			48,370
Coldwater.....	613.9	2,820.7	26,330		1,302	25,028

*See note 2, page 124.

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1965

PRIMARY POWER		AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	RATES		
Withdrawals from Reserve for Stabilization of Rates and Contingencies	Cost of Primary Power Allocated			Interim	Actual	
					per Kw per Annum	per Kw per Annum	Mills per Kwh
\$	\$	\$	\$	\$	\$	
197	23,776	26,551.64	2,775.64	39.23	35.13	11.87
607	87,287	86,910.60	376.40	41.66	41.84	7.71
519	66,091	65,489.28	601.72	36.71	37.05	8.60
7,969	1,135,907	1,141,580.80	5,673.80	41.69	41.49	7.74
15,528	2,129,503	2,090,353.21	39,149.79	39.18	39.92	7.07
2,207	337,304	338,224.92	920.92	44.61	44.49	8.26
45	5,785	5,848.29	63.29	37.78	37.37	7.81
342	54,400	53,593.94	806.06	45.55	46.24	8.61
78	10,279	10,904.66	625.66	40.77	38.42	8.32
536	74,521	73,140.91	1,380.09	39.74	40.50	7.33
5,549	694,891	684,159.49	10,731.51	35.89	36.45	6.71
195	29,552	31,102.31	1,550.31	46.39	44.07	8.95
255	37,305	37,619.74	314.74	43.00	42.65	9.05
65	8,984	8,852.40	131.60	39.80	40.40	10.00
229	35,222	35,340.68	118.68	44.90	44.75	8.23
12,834	1,932,218	1,934,455.09	2,237.09	43.87	43.81	7.90
75	11,653	10,015.90	1,637.10	38.65	44.97	10.91
366	54,681	54,731.81	50.81	43.50	43.47	7.93
359	38,496	44,409.30	5,913.30	36.03	31.24	14.06
47	7,260	7,385.31	125.31	45.50	44.73	9.02
215	30,080	30,171.12	91.12	40.86	40.74	7.63
612	92,033	93,016.15	983.15	44.21	43.74	7.83
279	40,794	41,247.42	453.42	43.05	42.57	8.49
999	135,192	145,114.90	9,922.90	42.29	39.40	6.94
276	39,862	40,717.42	855.42	43.01	42.11	9.99
165	25,381	25,750.74	369.74	45.39	44.74	8.34
159	22,735	22,610.73	124.27	41.25	41.48	7.51
129	18,623	18,148.14	474.86	40.99	42.07	8.56
7,903	1,085,734	1,042,608.06	43,125.94	38.39	39.98	7.47
83	11,519	11,393.70	125.30	39.94	40.37	8.29
399	53,377	52,499.73	877.27	38.29	38.93	8.38
484	67,524	68,831.33	1,307.33	41.42	40.64	8.39
454	66,710	69,830.75	3,120.75	44.72	42.72	8.14
123	19,266	19,765.47	499.47	46.89	45.71	9.05
738	108,495	108,651.86	156.86	42.83	42.77	7.98
207	28,273	28,188.66	84.34	39.64	39.76	8.07
3,610	485,273	475,721.20	9,551.80	38.35	39.13	6.96
1,008	122,025	120,392.13	1,632.87	34.76	35.23	6.79
310	48,060	48,005.57	54.43	44.99	45.04	8.15
179	24,849	25,342.52	493.52	41.28	40.48	8.81

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COST OF			
	Average of Monthly Peak Loads	Energy	Operating Costs and Fixed Charges	Frequency Standardi- zation	Credits Resulting from Matured Debt Retirement Fund	Total before Reserve With- drawals
	kw	megawatt- hours	\$	\$	\$	\$
Collingwood.....	7,294.0	39,943.3	305,889	.....	17,962	287,927
Comber.....	366.6	1,606.4	15,776	1,833	4,455	13,154
Coniston.....	1,264.2	6,466.3	50,613	.....	.....	50,613
Cookstown.....	451.1	2,134.8	19,752	.....	895	18,857
Cottam.....	293.2	1,488.4	12,525	1,466	.....	13,991
Courtright.....	215.5	1,069.6	9,375	1,077	1,214	9,238
Creemore.....	595.0	2,896.0	25,211	.....	1,559	23,652
Dashwood.....	365.0	1,585.4	15,543	1,825	1,614	15,754
Deep River.....	4,109.0	23,367.6	166,054	.....	1	166,053
Delaware.....	254.8	1,191.2	10,890	1,274	370	11,794
Delhi.....	2,726.8	13,881.9	110,593	13,634	.....	124,227
Deseronto.....	1,153.2	6,242.4	52,098	.....	.....	52,098
Dorchester.....	529.4	2,534.5	21,727	2,647	1,409	22,965
Drayton.....	467.8	2,136.8	19,551	2,339	2,383	19,507
Dresden.....	1,780.2	9,629.2	77,755	8,901	4,850	81,806
Drumbo.....	249.8	1,131.6	10,923	1,249	1,485	10,687
Dryden.....	4,130.3	23,881.6	182,895	.....	.....	182,895
Dublin.....	372.7	1,713.2	15,323	1,864	1,087	16,100
Dundalk.....	774.3	3,732.0	34,759	.....	1,566	33,193
Dundas.....	10,843.8	56,967.0	408,397	54,219	25,171	437,445
Dunnville.....	4,130.1	22,660.8	172,526	20,650	10,379	182,797
Durham.....	2,033.0	9,864.0	88,234	.....	4,731	83,503
Dutton.....	446.7	2,219.7	21,516	2,234	3,365	20,385
East York Twp.....	39,328.7	231,547.6	1,531,817	196,643	14,757	1,713,703
Eganville.....*	722.9	3,707.0	31,339	.....	.....	31,339
Elmira.....	5,319.6	27,547.7	199,622	26,598	14,831	211,389
Elmvale.....	781.5	4,169.2	35,067	.....	2,324	32,743
Elmwood.....	210.2	847.0	9,437	.....	652	8,785
Elora.....	952.3	4,844.5	41,974	4,761	7,336	39,399
Embro.....	435.2	2,249.6	18,948	2,176	1,854	19,270
Embrun.....	175.2	825.6	7,462	.....	.....	7,462
Erieau.....	509.3	2,660.0	22,175	2,547	855	23,867
Erie Beach.....	81.7	306.4	3,375	408	131	3,652
Erin.....	758.8	4,013.4	33,601	.....	.....	33,601
Espanola.....	2,913.8	16,454.1	118,855	.....	.....	118,855
Essex.....	2,103.1	11,366.6	86,778	10,515	4,327	92,966
Etobicoke Twp.....	171,144.9	1,039,900.2	6,772,219	855,724	25,562	7,602,381
Exeter.....	2,577.0	13,564.8	110,528	12,885	7,669	115,744
Fergus.....	4,335.0	20,830.1	174,313	21,675	7,097	188,891
Finch.....	298.0	1,323.2	12,645	.....	.....	12,645

*See note 2, page 124.

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1965

PRIMARY POWER		AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	RATES		
Withdrawals from Reserve for Stabilization of Rates and Contingencies	Cost of Primary Power Allocated			Interim	Actual	
					per Kw per Annum	per Kw per Annum	Mills per Kwh
\$	\$	\$	\$	\$	\$	
2,123	285,804	279,763.14	6,040.86	38.36	39.19	7.16
107	13,047	14,311.39	1,264.39	39.04	35.59	8.12
368	50,245	49,676.53	568.47	39.29	39.75	7.77
131	18,726	18,852.49	126.49	41.79	41.52	8.77
85	13,906	13,757.63	148.37	46.92	47.43	9.34
63	9,175	9,316.36	141.36	43.23	42.58	8.58
173	23,479	23,205.61	273.39	39.00	39.46	8.11
106	15,648	16,052.49	404.49	43.98	42.87	9.87
1,196	164,857	162,557.81	2,299.19	39.56	40.12	7.05
74	11,720	11,699.41	20.59	45.92	46.00	9.84
794	123,433	124,866.84	1,433.84	45.79	45.27	8.89
336	51,762	51,953.87	191.87	45.05	44.89	8.35
154	22,811	23,324.41	513.41	44.06	43.09	9.00
136	19,371	19,953.88	582.88	42.65	41.41	9.07
518	81,288	80,721.12	566.88	45.34	45.67	8.44
73	10,614	10,984.98	370.98	43.98	42.50	9.38
1,202	181,693	185,223.00	3,530.00	44.84	43.99	7.61
108	15,992	15,989.75	2.25	42.90	42.90	9.33
225	32,968	35,175.30	2,207.30	45.43	42.58	8.83
3,156	434,289	431,588.32	2,700.68	39.80	40.05	7.62
1,202	181,595	185,936.52	4,341.52	45.02	43.97	8.01
592	82,911	81,831.61	1,079.39	40.25	40.78	8.41
130	20,255	20,781.28	526.28	46.52	45.35	9.13
11,446	1,702,257	1,689,903.00	12,354.00	42.97	43.28	7.35
210	31,129	31,344.14	215.14	43.36	43.06	8.40
1,548	209,841	212,821.66	2,980.66	40.01	39.45	7.62
227	32,516	32,061.55	454.45	41.03	41.61	7.80
61	8,724	8,731.16	7.16	41.54	41.51	10.30
277	39,122	40,015.46	893.46	42.02	41.09	8.08
127	19,143	19,085.00	58.00	43.85	43.99	8.51
51	7,411	7,585.60	174.60	43.30	42.30	8.98
148	23,719	24,320.40	601.40	47.75	46.57	8.92
24	3,628	3,766.44	138.44	46.10	44.42	11.84
221	33,380	33,068.41	311.59	43.58	43.99	8.32
848	118,007	116,329.00	1,678.00	39.92	40.50	7.17
612	92,354	90,525.87	1,828.13	43.04	43.91	8.13
49,810	7,552,571	7,469,038.78	83,532.22	43.64	44.13	7.26
750	114,994	115,964.64	970.64	45.00	44.62	8.48
1,262	187,629	188,139.73	510.73	43.40	43.28	9.01
87	12,558	12,735.58	177.58	42.74	42.14	9.49

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COST OF			
	Average of Monthly Peak Loads	Energy	Operating Costs and Fixed Charges	Frequency Standardi- zation	Credits Resulting from Matured Debt Retirement Fund	Total before Reserve With- drawals
	kw	megawatt- hours	\$	\$	\$	\$
Flesherton.....	453.8	1,960.0	18,070	.....	855	17,215
Fonthill.....	1,376.1	7,310.4	57,351	6,881	.....	64,232
Forest.....	1,583.4	9,180.8	70,665	7,917	4,906	73,676
Forest Hill.....	17,747.8	95,946.1	670,537	88,739	10,357	748,919
Fort William.....	38,080.4	235,556.0	1,508,213	.....	.....	1,508,213
Frankford.....	991.9	5,236.6	40,993	.....	.....	40,993
Galt.....	30,838.6	172,483.5	1,172,919	154,193	98,098	1,229,014
Georgetown.....	9,343.5	53,199.3	377,120	46,718	14,578	409,260
Glencoe.....	759.2	3,640.0	32,413	3,796	3,850	32,359
Gloucester Twp.....	7,528.7	43,121.8	304,880	.....	.....	304,880
Goderich.....	7,142.3	38,416.2	298,344	35,712	21,433	312,623
Grand Bend.....	882.8	4,301.8	38,451	4,414	18	42,847
Grand Valley.....	553.6	2,494.2	24,809	.....	1,962	22,847
Granton.....	143.6	673.6	6,189	718	1,613	5,294
Gravenhurst.....	2,644.8	14,451.4	114,106	.....	2,595	111,511
Grimsby.....	3,708.2	20,046.2	156,594	18,541	1	175,134
Guelph.....	42,528.9	248,886.1	1,632,644	212,645	114,627	1,730,662
Hagersville.....	1,724.2	7,626.0	71,496	8,621	14,538	65,579
Hamilton.....	458,616.1	3,103,285.3	18,566,391	2,058,687	496,319	20,128,759
Hanover.....	5,372.8	24,611.1	205,632	.....	14,510	191,122
Harriston.....	1,611.2	8,749.7	63,997	8,056	5,501	66,552
Harrow.....	1,561.7	8,517.6	69,694	7,809	2,718	74,785
Hastings.....	660.6	3,430.4	27,874	.....	.....	27,874
Havelock.....	656.6	3,406.4	28,636	.....	.....	28,636
Hawkesbury.....	4,942.5	25,720.3	185,190	.....	.....	185,190
Hearst.....	2,143.4	9,680.7	81,982	.....	.....	81,982
Hensall.....	971.4	4,920.0	41,638	4,857	2,347	44,148
Hespeler.....	6,805.7	35,124.6	261,573	34,029	14,924	280,678
Highgate.....	207.8	801.4	8,735	1,039	1,901	7,873
Holstein.....	125.9	573.2	* 5,575	.....	425	5,150
Huntsville.....	2,810.9	16,071.1	121,233	.....	9,236	111,997
Ingersoll.....	6,435.7	33,694.5	263,478	32,178	29,732	265,924
Iroquois.....	935.5	4,807.3	38,264	.....	.....	38,264
Jarvis.....	419.9	1,985.0	18,136	2,100	3,354	16,882
Kapusking.....	4,408.5	22,100.4	173,548	.....	.....	173,548
Kemptville.....	2,020.8	10,686.3	90,262	.....	4,232	86,030
Killaloe Station.....	404.3	1,901.7	17,391	.....	1	17,390
Kincardine.....	2,538.4	13,312.3	111,084	.....	6,475	104,609
King City.....	1,243.0	6,295.1	52,094	6,215	27	58,282
Kingston.....	67,353.2	401,347.0	2,581,083	.....	58	2,581,025

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1965

PRIMARY POWER		AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	RATES		
Withdrawals from Reserve for Stabilization of Rates and Contingencies	Cost of Primary Power Allocated			Interim	Actual	
					per Kw per Annum	per Kw per Annum	Mills per Kwh
\$	\$	\$	\$	\$	\$	
132	17,083	16,837.09	245.91	37.10	37.65	8.72
401	63,831	63,836.97	5.97	46.39	46.39	8.73
461	73,215	76,342.94	3,127.94	48.21	46.24	7.97
5,165	743,754	742,385.70	1,368.30	41.83	41.91	7.75
68,204	1,440,009	1,451,007.83	10,998.83	38.10	37.82	6.11
289	40,704	40,291.36	412.64	40.62	41.04	7.77
8,975	1,220,039	1,181,877.94	38,161.06	38.32	39.56	7.07
2,719	406,541	408,235.68	1,694.68	43.69	43.51	7.64
221	32,138	34,327.86	2,189.86	45.22	42.33	8.83
2,191	302,689	298,154.14	4,534.86	39.60	40.21	7.02
2,079	310,544	312,576.54	2,032.54	43.76	43.48	8.08
257	42,590	43,003.24	413.24	48.71	48.25	9.90
161	22,686	22,977.38	291.38	41.51	40.98	9.10
42	5,252	5,070.60	181.40	35.31	36.58	7.80
770	110,741	109,957.32	783.68	41.57	41.87	7.66
1,079	174,055	173,548.79	506.21	46.80	46.94	8.68
12,378	1,718,284	1,689,655.34	28,628.66	39.73	40.41	6.90
502	65,077	65,538.24	461.24	38.01	37.75	8.53
133,477	19,995,282	19,634,368.33	360,913.67	42.81	43.60	6.44
1,565	189,557	194,156.63	4,599.63	36.14	35.28	7.70
469	66,083	66,172.58	89.58	41.07	41.02	7.55
455	74,330	73,173.81	1,156.19	46.86	47.60	8.73
192	27,682	27,856.86	174.86	42.17	41.90	8.07
191	28,445	28,553.76	108.76	43.49	43.32	8.35
1,438	183,752	186,326.56	2,574.56	37.70	37.18	7.14
624	81,358	90,874.03	9,516.03	42.40	37.96	8.40
283	43,865	44,034.40	169.40	45.33	45.15	8.92
1,981	278,697	276,374.58	2,322.42	40.61	40.95	7.93
60	7,813	8,380.99	567.99	40.33	37.60	9.75
37	5,113	5,139.47	26.47	40.82	40.61	8.92
818	111,179	114,066.11	2,887.11	40.58	39.55	6.92
1,873	264,051	260,622.68	3,428.32	40.50	41.03	7.84
272	37,992	37,530.02	461.98	40.12	40.61	7.90
122	16,760	16,965.13	205.13	40.40	39.91	8.44
1,283	172,265	166,081.59	6,183.41	37.67	39.08	7.79
588	85,442	86,091.02	649.02	42.60	42.29	8.00
118	17,272	17,909.39	637.39	44.30	42.73	9.08
739	103,870	107,123.36	3,253.36	42.20	40.92	7.80
362	57,920	59,074.56	1,154.56	47.53	46.60	9.20
19,603	2,561,422	2,551,261.50	10,160.50	37.88	38.03	6.38

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COST OF			
	Average of Monthly Peak Loads	Energy	Operating Costs and Fixed Charges	Frequency Standardi- zation	Credits Resulting from Matured Debt Retirement Fund	Total before Reserve With- drawals
	kw	megawatt- hours	\$	\$	\$	\$
Kingsville.	2,190.8	11,467.1	88,307	10,954	6,920	92,341
Kirkfield.	124.4	543.9	5,381	.....	596	4,785
Kitchener.	90,979.4	495,705.1	3,206,151	454,897	213,572	3,447,476
Lakefield.	1,655.0	9,144.0	70,455	.....	.....	70,455
Lambeth.	1,307.8	6,278.4	54,993	6,539	1,681	59,851
Lanark.	418.1	2,073.6	18,073	.....	1,263	16,810
Lancaster.	342.5	1,773.7	15,040	.....	1,449	13,591
Larder Lake Twp.	835.2	4,506.6	40,660	.....	.....	40,660
Latchford.	176.6	911.7	8,164	.....	.....	8,164
Leamington.	8,075.2	44,741.6	334,609	40,376	9,955	365,030
Lindsay.	11,278.5	68,184.4	492,795	.....	.....	492,795
Listowel.	4,493.2	22,396.0	180,657	22,466	10,951	192,172
London.	143,827.4	842,992.9	5,606,900	719,137	398,011	5,928,026
Long Branch.	8,001.9	43,904.2	315,369	40,009	.....	355,378
L'Orignal.	664.3	3,435.6	26,712	.....	.....	26,712
Lucan.	701.8	3,397.8	29,949	3,509	3,655	29,803
Lucknow.	1,006.2	4,588.8	43,548	.....	3,128	40,420
Lynden.	407.8	2,153.4	17,694	2,039	3,336	16,397
Madoc.	1,075.1	5,620.8	48,035	.....	.....	48,035
Magnetawan.	118.5	559.8	5,266	.....	.....	5,266
Markdale.	872.4	4,353.3	37,048	.....	1,256	35,792
Markham.	4,922.6	25,217.9	198,929	24,613	3,020	220,522
Marmora.	826.2	4,332.0	37,059	.....	.....	37,059
Martintown.	165.5	747.6	6,953	.....	338	6,615
Massey.	574.6	3,076.8	26,887	.....	.....	26,887
Maxville.	671.3	2,990.9	31,158	.....	2,054	29,104
McGarry Twp.	855.1	4,161.1	36,923	.....	.....	36,923
Meaford.	3,385.0	18,526.9	152,345	.....	4,036	148,309
Merlin.	397.9	2,007.2	17,141	1,990	2,880	16,251
Merrickville.	615.8	3,039.1	26,551	.....	.....	26,551
Midland.	10,328.3	58,707.0	422,004	.....	32,778	389,226
Mildmay.	602.0	2,847.2	25,439	.....	.....	25,439
Millbrook.	517.7	2,565.9	24,171	.....	.....	24,171
Milton.	5,055.8	29,458.0	213,596	25,279	23,347	215,528
Milverton.	1,077.3	4,688.0	46,044	5,386	9,618	41,812
Mimico.	9,387.2	52,872.3	365,301	46,936	22,847	389,390
Mitchell.	2,416.7	12,347.2	99,313	12,084	7,094	104,303
Moorefield.	388.6	1,668.2	15,735	1,943	1,285	16,393
Morrisburg.	1,493.0	7,882.0	61,264	.....	.....	61,264
Mount Brydges.	447.9	2,258.8	18,960	2,240	943	20,257

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1965

PRIMARY POWER				RATES		
Withdrawals from Reserve for Stabilization of Rates and Contingencies	Cost of Primary Power Allocated	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	Interim	Actual	
				per Kw per Annum	per Kw per Annum	Mills per Kwh
\$	\$	\$	\$	\$	\$	
638	91,703	90,885.36	817.64	41.49	41.86	8.00
36	4,749	5,127.73	378.73	41.22	38.18	8.73
26,479	3,420,997	3,359,258.83	61,738.17	36.92	37.60	6.90
482	69,973	70,202.73	229.73	42.42	42.28	7.65
381	59,470	59,641.69	171.69	45.60	45.47	9.47
122	16,688	17,855.71	1,167.71	42.71	39.92	8.05
100	13,491	14,064.33	573.33	41.06	39.39	7.61
243	40,417	40,072.45	344.55	47.98	48.39	8.97
51	8,113	8,245.77	132.77	46.69	45.94	8.90
2,350	362,680	357,047.60	5,632.40	44.22	44.92	8.11
3,283	489,512	479,247.04	10,264.96	42.49	43.40	7.18
1,308	190,864	191,410.19	546.19	42.60	42.48	8.52
41,860	5,886,166	5,759,514.46	126,651.54	40.04	40.92	6.98
2,329	353,049	361,639.17	8,590.17	45.19	44.12	8.04
193	26,519	26,351.78	167.22	39.67	39.92	7.72
204	29,599	30,161.46	562.46	42.98	42.17	8.71
293	40,127	42,283.15	2,156.15	42.02	39.88	8.74
119	16,278	15,687.81	590.19	38.47	39.92	7.56
313	47,722	48,304.51	582.51	44.93	44.38	8.49
34	5,232	5,472.21	240.21	46.18	44.15	9.35
254	35,538	34,765.67	772.33	39.85	40.74	8.16
1,433	219,089	213,352.89	5,736.11	43.34	44.51	8.69
240	36,819	36,538.16	280.84	44.22	44.56	8.50
48	6,567	6,573.73	6.73	39.72	39.68	8.78
167	26,720	26,985.96	265.96	46.96	46.50	8.68
195	28,909	29,031.58	122.58	43.25	43.06	9.67
249	36,674	37,166.70	492.70	43.46	42.89	8.81
985	147,324	153,099.18	5,775.18	45.23	43.53	7.95
116	16,135	16,252.27	117.27	40.85	40.55	8.04
179	26,372	26,010.14	361.86	42.24	42.83	8.68
3,006	386,220	379,297.09	6,922.91	36.72	37.40	6.58
175	25,264	25,074.41	189.59	41.65	41.97	8.87
151	24,020	23,767.74	252.26	45.91	46.39	9.36
1,471	214,057	214,500.60	443.60	42.43	42.34	7.27
314	41,498	42,083.43	585.43	39.06	38.52	8.85
2,732	386,658	386,377.67	280.33	41.16	41.19	7.31
703	103,600	103,605.23	5.23	42.87	42.86	8.39
113	16,280	16,551.54	271.54	42.59	41.89	9.76
435	60,829	59,923.47	905.53	40.14	40.74	7.72
130	20,127	19,403.63	723.37	43.32	44.93	8.91

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COST OF			
	Average of Monthly Peak Loads	Energy	Operating Costs and Fixed Charges	Frequency Standardi- zation	Credits Resulting from Matured Debt Retirement Fund	Total before Reserve With- drawals
	kw	megawatt- hours	\$	\$	\$	\$
Mount Forest.....	2,330.9	11,793.0	97,390		3,981	93,409
Napanee.....	3,839.3	19,811.4	164,312			164,312
Nepean Twp.....	28,968.2	165,448.0	1,171,209		117	1,171,092
Neustadt.....	461.1	1,723.8	18,049		1,669	16,380
Newboro.....	136.5	646.5	5,637			5,637
Newburgh.....	310.0	1,497.0	13,624			13,624
Newbury.....	139.3	693.0	6,022	697	819	5,900
Newcastle.....	1,142.5	5,861.4	45,828			45,828
New Hamburg.....	1,770.6	9,528.0	77,444	8,853	9,285	77,012
Newmarket.....	7,754.7	43,372.7	307,816	38,774	191	346,399
New Toronto.....	29,337.4	178,489.7	1,167,131	146,687	66,369	1,247,449
Niagara.....	1,780.1	10,020.8	73,867	8,901	5,005	77,763
Niagara Falls.....	37,065.5	223,306.3	1,454,007	185,328	115,993	1,523,342
Nipigon Twp.....	1,898.0	11,811.2	79,781			79,781
North Bay.....	16,574.1	97,879.4	688,292			688,292
North York Twp.....	260,862.7	1,517,847.6	10,049,987	1,304,313	8,323	11,345,977
Norwich.....	935.1	4,984.0	42,165	4,675	6,551	40,289
Norwood.....	709.6	3,574.4	30,748			30,748
Oakville.....	74,257.2	515,067.8	3,074,032	371,286	35	3,445,283
Oil Springs.....	348.8	2,218.9	16,502	1,744	6,009	12,237
Omeme.....	461.5	2,384.3	21,496			21,496
Orangeville.....	4,448.0	23,591.3	191,324		5,359	185,965
Orillia.....*	8,427.2	44,260.1	362,169			362,169
Orono.....	713.0	3,663.2	30,365			30,365
Oshawa.....	94,067.3	561,362.3	3,616,456			3,616,456
Ottawa.....*	212,472.4	1,215,479.2	8,152,063		771	8,151,292
Otterville.....	394.7	1,932.0	16,391	1,973	1,358	17,006
Owen Sound.....	13,356.5	77,728.6	542,744		18,979	523,765
Paisley.....	538.7	2,689.0	22,568		1,855	20,713
Palmerston.....	1,306.5	6,875.2	49,127	6,532	6,946	48,713
Paris.....	4,617.3	25,681.6	180,261	23,086	22,794	180,553
Parkhill.....	1,017.8	5,105.0	44,940	5,089	3,668	46,361
Parry Sound.....*	3,064.5	18,336.0	135,139			135,139
Penetanguishene.....	2,959.6	17,608.1	126,505		5,623	120,882
Perth.....	5,191.3	26,695.0	210,375		11,860	198,515
Peterborough.....	47,741.3	291,436.6	1,898,704			1,898,704
Petrolia.....	2,386.0	11,587.6	104,214	11,930	20,113	96,031
Petrolia Waterworks.....	158.8	777.6	6,591	794		7,385
Pickering.....	1,034.0	5,658.9	43,431			43,431
Picton.....	4,388.2	23,525.5	182,592			182,592

*See note 2, page 124.

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1965

PRIMARY POWER		AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	RATES		
Withdrawals from Reserve for Stabilization of Rates and Contingencies	Cost of Primary Power Allocated			Interim	Actual	
					per Kw per Annum	per Kw per Annum	Mills per Kwh
\$	\$	\$	\$	\$	\$	
678	92,731	92,341.34	389.66	39.62	39.78	7.86
1,117	163,195	165,109.68	1,914.68	43.01	42.51	8.24
8,431	1,162,661	1,136,300.67	26,360.33	39.23	40.14	7.03
134	16,246	16,084.59	161.41	34.88	35.23	9.42
40	5,597	5,570.88	26.12	40.81	41.01	8.66
90	13,534	13,562.08	28.08	43.75	43.66	9.04
41	5,859	6,014.25	155.25	43.17	42.06	8.45
333	45,495	45,319.33	175.67	39.67	39.82	7.76
515	76,497	75,836.24	660.76	42.83	43.21	8.03
2,257	344,142	342,099.41	2,042.59	44.12	44.38	7.93
8,538	1,238,911	1,244,926.29	6,015.29	42.43	42.23	6.94
518	77,245	77,923.63	678.63	43.77	43.40	7.71
10,788	1,512,554	1,491,542.46	21,011.54	40.24	40.81	6.77
3,399	76,382	75,784.14	597.86	39.93	40.24	6.47
4,824	683,468	670,573.70	12,894.30	40.46	41.24	6.98
75,922	11,270,055	11,143,773.36	126,281.64	42.72	43.21	7.43
272	40,017	41,580.59	1,563.59	44.47	42.79	8.03
207	30,541	30,645.20	104.20	43.19	43.04	8.54
21,612	3,423,671	3,313,503.75	110,167.25	44.62	46.11	6.65
102	12,135	12,872.91	737.91	36.91	34.79	5.47
134	21,362	21,665.50	303.50	46.95	46.29	8.96
1,295	184,670	188,603.03	3,933.03	42.40	41.52	7.83
2,454	359,715	388,799.61	29,084.61	46.14	42.69	8.13
208	30,157	29,661.80	495.20	41.60	42.30	8.23
27,378	3,589,078	3,461,357.94	127,720.06	36.80	38.16	6.39
61,838	8,089,454	7,889,537.18	199,916.82	37.13	38.08	6.66
115	16,891	17,199.42	308.42	43.58	42.80	8.74
3,887	519,878	508,516.50	11,361.50	38.07	38.93	6.69
157	20,556	21,381.68	825.68	39.69	38.16	7.64
380	48,333	48,529.63	196.63	37.14	36.99	7.03
1,344	179,209	172,816.72	6,392.28	37.43	38.81	6.98
296	46,065	47,671.13	1,606.13	46.84	45.26	9.02
892	134,247	138,370.89	4,123.89	45.15	43.81	7.32
861	120,021	119,310.88	710.12	40.31	40.55	6.82
1,511	197,004	198,623.12	1,619.12	38.26	37.95	7.38
13,895	1,884,809	1,899,176.84	14,367.84	39.78	39.48	6.47
694	95,337	100,664.32	5,327.32	42.19	39.96	8.23
46	7,339	7,557.74	218.74	47.59	46.22	9.44
301	43,130	42,210.33	919.67	40.82	41.71	7.62
1,277	181,315	182,942.20	1,627.20	41.69	41.33	7.71

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COST OF			
	Average of Monthly Peak Loads	Energy	Operating Costs and Fixed Charges	Frequency Standardi- zation	Credits Resulting from Matured Debt Retirement Fund	Total before Reserve With- drawals
	kw	megawatt- hours	\$	\$	\$	\$
Plantagenet.....	618.7	2,977.4	26,966	.....	.....	26,966
Plattsville.....	815.3	3,585.0	33,140	4,076	1,472	35,744
Point Edward.....	6,243.4	30,185.7	237,225	31,217	13,334	255,108
Port Arthur.....*	46,211.5	253,986.3	1,766,972	.....	.....	1,766,972
Port Burwell.....	284.4	1,409.9	12,482	1,422	54	13,850
Port Colborne.....	14,337.7	92,806.9	577,507	71,689	18,071	631,125
Port Credit.....	15,318.1	109,908.8	645,327	76,590	6,016	715,901
Port Dover.....	2,387.3	13,770.1	99,194	11,936	3,882	107,248
Port Elgin.....	1,903.6	10,601.0	87,856	.....	.....	87,856
Port Hope.....	8,649.9	44,666.8	326,687	.....	.....	326,687
Port McNicoll.....	1,297.3	4,938.8	50,850	.....	754	50,096
Port Perry.....	1,784.0	9,461.5	78,593	.....	2,401	76,192
Port Rowan.....	335.9	1,778.8	14,588	1,679	.....	16,267
Port Stanley.....	1,102.7	5,351.2	49,672	5,514	6,050	49,136
Prescott.....	3,925.8	19,989.8	166,265	.....	4,782	161,483
Preston.....	10,552.8	57,857.7	406,662	52,764	49,113	410,313
Priceville.....	61.0	254.4	2,589	.....	91	2,498
Princeton.....	316.2	1,532.0	13,632	1,581	1,055	14,158
Queenston.....	380.1	2,124.8	15,584	1,900	1,488	15,996
Rainy River.....	651.9	3,400.8	30,883	.....	.....	30,883
Red Rock.....	903.0	4,495.2	35,283	.....	.....	35,283
Renfrew.....*	5,433.7	28,655.2	218,726	.....	.....	218,726
Richmond.....	859.6	4,643.8	34,492	.....	.....	34,492
Richmond Hill.....	12,581.1	66,939.8	486,487	62,905	1,497	547,895
Ridgetown.....	1,880.2	9,164.8	81,764	9,401	7,380	83,785
Ripley.....	394.6	1,894.0	17,255	.....	1,637	15,618
Riverside.....	8,541.4	45,860.9	343,966	42,707	9,926	376,747
Rockland.....	1,496.1	7,049.5	58,933	.....	.....	58,933
Rockwood.....	451.6	2,308.8	18,919	2,258	1,664	19,513
Rodney.....	595.3	3,026.4	28,749	2,977	2,310	26,416
Rosseau.....	150.0	682.2	6,574	.....	.....	6,574
Russell.....	376.3	1,966.4	15,248	.....	.....	15,248
St. Catharines.....	103,301.0	632,390.9	4,041,844	516,505	114,467	4,443,882
St. Clair Beach.....	680.9	3,875.4	29,127	3,405	1,237	31,295
St. George.....	608.1	3,340.8	26,300	3,040	2,180	27,160
St. Jacobs.....	587.2	2,820.5	26,412	2,936	2,623	26,725
St. Mary's.....	13,470.7	90,255.2	552,604	67,354	19,771	600,187
St. Thomas.....	19,412.3	112,482.3	753,886	97,061	78,635	772,312
Sandwich East.....	11,191.1	64,145.2	440,943	55,956	198	496,701
Sandwich West.....	18,144.4	100,260.0	737,222	90,722	.....	827,944

*See note 2, page 124.

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1965

PRIMARY POWER				RATES		
Withdrawals from Reserve for Stabilization of Rates and Contingencies	Cost of Primary Power Allocated	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	Interim	Actual	
				per Kw per Annum	per Kw per Annum	Mills per Kwh
\$	\$	\$	\$	\$	\$	
180	26,786	25,355.80	1,430.20	40.98	43.29	9.00
237	35,507	35,890.00	383.00	44.02	43.55	9.90
1,817	253,291	249,254.42	4,036.58	39.92	40.57	8.39
82,767	1,684,205	1,669,097.70	15,107.30	36.12	36.45	6.63
83	13,767	13,762.33	4.67	48.39	48.41	9.76
4,173	626,952	626,592.05	359.95	43.70	43.73	6.76
4,458	711,443	707,500.22	3,942.78	46.19	46.45	6.47
695	106,553	108,960.44	2,407.44	45.64	44.63	7.74
554	87,302	88,567.19	1,265.19	46.53	45.86	8.24
2,517	324,170	324,233.50	63.50	37.48	37.48	7.26
378	49,718	51,106.48	1,388.48	39.39	38.33	10.07
519	75,673	77,525.44	1,852.44	43.46	42.41	8.00
98	16,169	16,492.50	323.50	49.10	48.14	9.09
321	48,815	50,431.93	1,616.93	45.73	44.27	9.12
1,143	160,340	162,181.75	1,841.75	41.31	40.84	8.02
3,071	407,242	403,239.36	4,002.64	38.21	38.60	7.04
18	2,480	2,710.44	230.44	44.43	40.66	9.75
92	14,066	14,169.40	103.40	44.81	44.48	9.18
111	15,885	16,335.99	450.99	42.98	41.80	7.48
190	30,693	32,473.75	1,780.75	49.81	47.08	9.03
1,617	33,666	34,023.63	357.63	37.68	37.28	7.49
1,581	217,145	215,638.06	1,506.94	39.69	39.96	7.58
250	34,242	33,860.12	381.88	39.39	39.84	7.37
3,662	544,233	555,063.74	10,830.74	44.12	43.26	8.13
547	83,238	84,342.00	1,104.00	44.86	44.27	8.97
115	15,503	16,578.10	1,075.10	42.01	39.29	8.19
2,486	374,261	365,750.64	8,510.36	42.82	43.82	8.16
435	58,498	59,182.71	684.71	39.56	39.10	8.30
131	19,382	19,403.06	21.06	42.97	42.92	8.39
173	26,243	26,918.96	675.96	45.22	44.08	8.67
44	6,530	6,735.34	205.34	44.90	43.54	9.57
110	15,138	14,703.44	434.56	39.07	40.23	7.70
30,065	4,413,817	4,299,724.22	114,092.78	41.62	42.73	6.98
198	31,097	29,867.88	1,229.12	43.87	45.67	8.02
177	26,983	26,589.93	393.07	43.73	44.38	8.08
171	26,554	26,267.26	286.74	44.73	45.22	9.41
3,921	596,266	605,108.64	8,842.64	44.92	44.26	6.61
5,650	766,662	761,920.57	4,741.43	39.25	39.50	6.82
3,257	493,444	471,990.85	21,453.15	42.18	44.09	7.69
5,281	822,663	801,916.17	20,746.83	44.20	45.34	8.21

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COST OF			
	Average of Monthly Peak Loads	Energy	Operating Costs and Fixed Charges	Frequency Standardi- zation	Credits Resulting from Matured Debt Retirement Fund	Total before Reserve With- drawals
	kw	megawatt- hours	\$	\$	\$	\$
Sarnia.....	138,739.1	1,101,970.2	5,997,766	693,695	97,166	6,594,295
Scarborough Twp.....	178,466.1	1,002,326.1	6,883,774	892,331	23,300	7,752,805
Schreiber Twp.....	1,494.8	8,668.8	62,685			62,685
Seaforth.....	1,917.7	9,401.7	71,614	9,588	9,831	71,371
Shelburne.....	1,028.6	5,454.2	47,749		3,268	44,481
Simcoe.....	9,895.6	56,849.1	387,411	49,478	14,293	422,596
Sioux Lookout.....	1,975.3	11,832.0	97,833			97,833
Smith's Falls.....	9,402.3	51,117.1	360,472		15,843	344,629
Smithville.....	640.1	3,199.3	28,200	3,201		31,401
Southampton.....	1,457.3	8,138.7	68,506			68,506
South River.....	435.2	2,273.6	20,471			20,471
Springfield.....	257.2	1,204.9	10,282	1,286	1,551	10,017
Stayner.....	1,228.3	7,159.2	52,913		1,661	51,252
Stirling.....	1,131.4	5,598.6	43,666			43,666
Stoney Creek.....	4,259.6	22,592.0	169,026	21,298		190,324
Stouffville.....	2,614.9	12,821.9	102,982	13,075	2,827	113,230
Stratford.....	21,678.8	120,697.2	828,172	108,394	109,323	827,243
Strathroy.....	5,213.0	28,371.0	199,518	26,065	14,512	211,071
Streetsville.....	3,769.2	20,811.7	150,982	18,846		169,828
Sturgeon Falls.....	3,401.1	17,863.7	145,614			145,614
Sudbury.....	46,352.4	274,450.8	2,005,969			2,005,969
Sunderland.....	491.7	2,395.0	21,006		1,073	19,933
Sundridge.....	552.5	2,905.8	24,721			24,721
Sutton.....	1,328.1	7,334.4	58,689	6,640	2,257	63,072
Swansea.....	6,627.6	40,245.1	263,388	33,138		296,526
Tara.....	585.3	3,244.8	26,469		2,023	24,446
Tavistock.....	932.9	5,044.8	40,727	4,665	7,259	38,133
Tecumseh.....	1,848.8	9,917.5	77,026	9,244	3,156	83,114
Teeswater.....	979.5	4,773.4	44,226		3,154	41,072
Terrace Bay Twp.....	1,475.8	9,179.0	59,035			59,035
Thamesford.....	1,013.8	5,672.2	46,836	5,069	2,747	49,158
Thamesville.....	896.7	3,941.3	39,313	4,483	2,821	40,975
Thedford.....	521.0	2,710.4	23,241	2,605	1,963	23,883
Thessalon.....	893.0	5,097.7	39,764			39,764
Thornbury.....	1,243.7	6,022.4	55,479			55,479
Thorndale.....	244.1	1,159.2	10,545	1,221	1,459	10,307
Thornton.....	163.8	725.2	6,780		678	6,102
Thorold.....	15,129.4	95,099.9	600,827	75,647	13,313	663,161
Tilbury.....	2,003.7	9,069.9	80,307	10,019	7,844	82,482
Tillsonburg.....	6,838.2	35,164.8	255,004	34,191	12,676	276,519

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1965

PRIMARY POWER				RATES		
Withdrawals from Reserve for Stabilization of Rates and Contingencies	Cost of Primary Power Allocated	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	Interim	Actual	
				per Kw per Annum	per Kw per Annum	Mills per Kwh
\$	\$	\$	\$	\$	\$	
40,378	6,553,917	6,394,828.83	159,088.17	46.09	47.24	5.95
51,941	7,700,864	7,580,757.13	120,106.87	42.48	43.15	7.68
2,677	60,008	59,792.33	215.67	40.00	40.15	6.92
558	70,813	69,799.73	1,013.27	36.40	36.92	7.53
299	44,182	44,818.38	636.38	43.57	42.95	8.10
2,880	419,716	417,712.48	2,003.52	42.21	42.42	7.38
575	97,258	98,718.33	1,460.33	49.98	49.24	8.22
2,736	341,893	334,124.66	7,768.34	35.54	36.36	6.69
186	31,215	30,873.38	341.62	48.23	48.77	9.76
424	68,082	69,170.19	1,088.19	47.46	46.72	8.37
127	20,344	20,595.69	251.69	47.32	46.75	8.95
75	9,942	10,387.00	445.00	40.38	38.66	8.25
357	50,895	50,068.06	826.94	40.76	41.44	7.11
329	43,337	43,158.55	178.45	38.15	38.30	7.74
1,240	189,084	186,738.01	2,345.99	43.84	44.39	8.37
761	112,469	112,627.62	158.62	43.07	43.01	8.77
6,309	820,934	802,550.37	18,383.63	37.02	37.87	6.80
1,517	209,554	204,886.58	4,667.42	39.30	40.20	7.39
1,097	168,731	168,120.10	610.90	44.60	44.77	8.11
990	144,624	138,263.63	6,360.37	40.65	42.52	8.10
13,490	1,992,479	1,946,122.77	46,356.23	41.99	42.99	7.26
143	19,790	19,254.51	535.49	39.16	40.25	8.26
161	24,560	25,352.87	792.87	45.89	44.45	8.45
387	62,685	63,631.63	946.63	47.91	47.20	8.55
1,929	294,597	295,279.89	682.89	44.55	44.45	7.32
170	24,276	23,631.70	644.30	40.38	41.47	7.48
272	37,861	38,188.65	327.65	40.94	40.59	7.50
538	82,576	81,090.02	1,485.98	43.86	44.66	8.33
285	40,787	42,239.98	1,452.98	43.12	41.64	8.54
2,643	56,392	56,116.81	275.19	38.02	38.21	6.14
295	48,863	49,206.50	343.50	48.54	48.20	8.61
261	40,714	41,527.59	813.59	46.31	45.40	10.33
152	23,731	24,876.33	1,145.33	47.75	45.55	8.76
260	39,504	40,012.56	508.56	44.81	44.24	7.75
362	55,117	57,227.45	2,110.45	46.01	44.32	9.15
71	10,236	10,395.89	159.89	42.59	41.93	8.83
48	6,054	6,096.41	42.41	37.22	36.97	8.35
4,403	658,758	642,551.87	16,206.13	42.47	43.54	6.93
583	81,899	88,048.53	6,149.53	43.94	40.88	9.03
1,990	274,529	269,927.26	4,601.74	39.47	40.15	7.81

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COST OF			
	Average of Monthly Peak Loads	Energy	Operating Costs and Fixed Charges	Frequency Standardi- zation	Credits Resulting from Matured Debt Retirement Fund	Total before Reserve With- drawals
	kw	megawatt- hours	\$	\$	\$	\$
Toronto.....	673,410.6	4,122,251.8	26,259,243	3,367,053	3,095,257	26,531,039
Toronto Twp.....	91,442.7	584,714.9	3,705,475	457,214	13,267	4,149,422
Tottenham.....	428.9	2,280.8	19,593		1,969	17,624
Trenton.....	16,715.3	100,469.0	653,175			653,175
Tweed.....	1,521.8	7,403.8	61,539			61,539
Uxbridge.....	2,630.5	12,731.5	105,458		2,752	102,706
Vankleek Hill.....	863.1	4,144.5	34,473			34,473
Victoria Harbour.....	531.9	2,663.2	24,375		863	23,512
Walkerton.....	4,210.0	20,318.8	163,923			163,923
Wallaceburg.....	11,484.3	70,959.6	462,140	57,421	23,932	495,629
Wardsville.....	179.9	877.6	7,704	900	523	8,081
Warkworth.....	331.0	1,459.2	13,176			13,176
Wasaga Beach.....	924.4	3,792.0	37,727			37,727
Waterdown.....	1,230.7	6,746.4	50,079	6,153	4,874	51,358
Waterford.....	1,469.8	6,587.2	59,058	7,349	5,168	61,239
Waterloo.....	26,324.0	155,800.2	955,337	131,620	45,532	1,041,425
Watford.....	1,547.0	7,795.9	66,510	7,735	3,326	70,919
Waubaushene.....	368.3	1,817.6	16,994		479	16,515
Webbwood.....	178.4	897.0	8,121			8,121
Welland.....	32,149.1	176,960.7	1,218,682	160,746	45,095	1,334,333
Wellesley.....	472.8	2,118.4	19,606	2,364	3,259	18,711
Wellington.....	640.9	3,178.9	28,464			28,464
West Ferris Twp.....	5,008.0	28,669.8	212,410			212,410
West Lorne.....	1,254.6	5,805.6	54,285	6,273	6,885	53,673
Weston.....	11,069.9	62,362.6	429,319	55,349	41,439	443,229
Westport.....	466.4	2,418.4	19,923			19,923
Wheatley.....	876.2	4,292.9	38,639	4,381	1,875	41,145
Whitby.....	14,565.2	82,797.1	560,561			560,561
Warton.....	1,497.9	8,433.6	69,192			69,192
Widdifield Twp.....	4,854.1	28,712.0	201,577			201,577
Williamsburg.....	276.9	1,290.2	12,300		517	11,783
Winchester.....	1,520.0	8,579.5	68,131		2,439	65,692
Windermere.....	201.0	850.8	8,429			8,429
Windsor.....	96,174.5	553,737.4	3,724,211	480,873	487,190	3,717,894
Wingham.....*	3,017.1	15,969.1	127,502		7,966	119,536
Woodbridge.....	1,975.5	11,814.6	86,970	9,877	5,133	91,714
Woodstock.....	24,034.7	134,141.9	918,136	120,174	63,721	974,589
Woodville.....	249.4	1,211.2	10,524		1,012	9,512
Wyoming.....	565.6	2,535.6	24,462	2,828	1,402	25,888
York Twp.....	67,721.0	417,293.2	2,651,294	338,605	99,477	2,890,422
Zurich.....	501.7	2,369.6	22,023	2,508	2,719	21,812
Total Municipalities.....	4,479,698.0	26,841,879.1	177,093,139	17,026,897 (Note 1)	7,272,119	186,847,917

NOTE 1: The bases for frequency standardization assessments, and withdrawals from the reserve for stabilization of rates and contingencies are described in notes 5 and 6 on page 35.

*NOTE 2: The asterisk indicates that this particular utility operates its own generating facilities for the supply of part

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1965

PRIMARY POWER		AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	RATES		
Withdrawals from Reserve for Stabilization of Rates and Contingencies	Cost of Primary Power Allocated			Interim	Actual	
					per Kw per Annum	per Kw per Annum	Mills per Kwh
\$	\$	\$	\$	\$	\$	
195,990	26,335,049	26,423,291.51	88,242.51	39.24	39.10	6.39
26,614	4,122,808	4,044,651.79	78,156.21	44.23	45.08	7.05
125	17,499	18,037.26	538.26	42.05	40.80	7.67
4,865	648,310	652,423.24	4,113.24	39.03	38.79	6.45
443	61,096	60,455.15	640.85	39.73	40.15	8.25
766	101,940	107,938.39	5,998.39	41.03	38.75	8.01
251	34,222	34,406.32	184.32	39.86	39.65	8.26
155	23,357	23,077.23	279.77	43.39	43.92	8.77
1,225	162,698	161,105.51	1,592.49	38.27	38.65	8.01
3,342	492,287	474,412.41	17,874.59	41.31	42.87	6.94
52	8,029	8,234.87	205.87	45.77	44.62	9.15
96	13,080	12,662.65	417.35	38.26	39.52	8.96
269	37,458	37,123.55	334.45	40.16	40.52	9.88
358	51,000	50,558.14	441.86	41.08	41.44	7.56
428	60,811	61,173.00	362.00	41.62	41.37	9.23
7,661	1,033,764	982,195.87	51,568.13	37.31	39.27	6.64
450	70,469	70,880.68	411.68	45.82	45.55	9.04
107	16,408	16,488.51	80.51	44.77	44.55	9.03
52	8,069	7,830.90	238.10	43.90	45.23	9.00
9,357	1,324,976	1,322,616.33	2,359.67	41.14	41.22	7.49
138	18,573	18,624.92	51.92	39.39	39.29	8.77
187	28,277	28,222.79	54.21	44.04	44.12	8.90
1,458	210,952	201,395.87	9,556.13	40.21	42.12	7.36
365	53,308	55,215.07	1,907.07	44.01	42.49	9.18
3,222	440,007	443,049.59	3,042.59	40.02	39.75	7.06
136	19,787	19,796.23	9.23	42.44	42.43	8.18
255	40,890	41,898.93	1,008.93	47.82	46.67	9.53
4,239	556,322	549,986.81	6,335.19	37.76	38.20	6.72
436	68,756	69,583.39	827.39	46.45	45.90	8.15
1,413	200,164	176,633.00	23,531.00	36.39	41.24	6.97
81	11,702	11,898.48	196.48	42.97	42.26	9.07
442	65,250	65,679.76	429.76	43.21	42.93	7.61
58	8,371	8,434.75	63.75	41.96	41.65	9.84
27,991	3,689,903	3,511,649.05	178,253.95	36.51	38.36	6.66
878	118,658	123,217.66	4,559.66	40.84	39.33	7.43
575	91,139	86,156.06	4,982.94	43.61	46.13	7.71
6,995	967,594	945,335.91	22,258.09	39.33	40.26	7.21
73	9,439	9,711.45	272.45	38.94	37.85	7.79
165	25,723	26,868.80	1,145.80	47.50	45.47	10.14
19,710	2,870,712	2,814,061.34	56,650.66	41.55	42.39	6.88
146	21,666	22,593.02	927.02	45.03	43.19	9.14
1,438,877 (Note 1)	185,409,040	183,178,752.58	2,230,287.42	.....	.....	.....

of its power requirement. The figures shown in this Statement relate only to the power and energy supplied by The Hydro-Electric Power Commission of Ontario. For more complete details on the cost of providing service within any municipal electrical utility, the reader is referred to the statements in the Municipal Electrical Service Supplement beginning on page 143.

**STATEMENT OF EQUITIES ACCUMULATED BY MUNICIPALITIES
THROUGH DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1965

Municipality	Balance at December 31, 1964	Net Provision and Interest Added during Year	Equity Acquired through Annexation	Balance at December 31, 1965
	\$	\$	\$	\$
Acton.....	519,310.12	31,600.57	.....	550,910.69
Ailsa Craig.....	58,510.67	1,891.00	.....	60,401.67
Ajax.....	237,282.54	44,249.30	.....	281,531.84
Alexandria.....	211,541.69	13,462.02	.....	225,003.71
Alfred.....	20,496.14	3,978.85	.....	24,474.99
Alliston.....	211,717.39	18,658.77	.....	230,376.16
Almonte.....	105,203.68	13,695.15	.....	118,898.83
Alvinston.....	64,976.28	395.40	.....	64,580.88
Amherstburg.....	416,966.90	26,082.23	.....	443,049.13
Ancaster Twp.....	190,724.33	15,032.00	.....	205,756.33
Apple Hill.....	17,007.89	583.25	.....	17,591.14
Arkona.....	44,390.73	2,778.63	.....	47,169.36
Arnprior.....	340,597.65	34,945.91	.....	375,543.56
Arthur.....	101,828.99	4,576.63	.....	106,405.62
Athens.....	50,027.41	4,426.10	.....	54,453.51
Atikokan Twp.....	172,643.14	23,338.73	.....	195,981.87
Aurora.....	329,690.18	41,127.61	.....	370,817.79
Avonmore.....	8,560.59	1,159.42	.....	9,720.01
Aylmer.....	401,336.54	26,509.85	.....	427,846.39
Ayr.....	91,952.41	5,362.81	.....	97,315.22
Baden.....	137,967.70	2,656.93	.....	140,624.63
Bancroft.....	71,346.77	9,690.87	.....	81,037.64
Barrie.....	1,466,956.61	131,643.52	.....	1,598,600.13
Barry's Bay.....	24,554.41	3,711.18	.....	28,265.59
Bath.....	28,278.38	2,903.14	.....	31,181.52
Beachburg.....	16,975.25	2,297.01	.....	19,272.26
Beachville.....	253,399.54	11,586.19	.....	264,985.73
Beamsville.....	143,286.72	13,286.47	.....	156,573.19
Beaverton.....	123,310.49	9,172.18	.....	132,482.67
Beeton.....	77,034.78	2,177.16	.....	79,211.94
Belle River.....	87,993.85	6,054.44	.....	94,048.29
Belleville.....	1,960,656.30	181,084.25	.....	2,141,740.55
Belmont.....	18,045.09	5,341.32	.....	23,386.41
Blenheim.....	215,394.49	8,148.92	.....	223,543.41
Bloomfield.....	52,473.91	4,065.96	.....	56,539.87
Blyth.....	80,453.66	4,500.07	.....	84,953.73
Bobcaygeon.....	51,725.09	6,711.00	.....	58,436.09
Bolton.....	108,983.74	7,736.48	.....	116,720.22
Bothwell.....	69,186.11	438.28	.....	69,624.39
Bowmanville.....	687,620.71	64,190.83	.....	751,811.54
Bracebridge.....	7,254.35	2,604.17	.....	9,858.52
Bradford.....	165,841.88	11,854.73	.....	177,696.61
Braeside.....	59,342.33	9,183.69	.....	68,526.02
Brampton.....	1,245,631.48	129,226.11	.....	1,374,857.59
Brantford.....	5,908,761.57	268,762.34	.....	6,177,523.91

**STATEMENT OF EQUITIES ACCUMULATED BY MUNICIPALITIES
THROUGH DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1965

Municipality	Balance at December 31, 1964	Net Provision and Interest Added during Year	Equity Acquired through Annexation	Balance at December 31, 1965
	\$	\$	\$	\$
Brantford Twp.	389,295.09	45,720.07	.....	435,015.16
Brechin.	23,928.05	681.71	.....	24,609.76
Bridgeport.	77,716.52	8,109.66	.....	85,826.18
Brigden.	49,841.34	226.26	.....	50,067.60
Brighton.	142,155.36	13,286.21	.....	155,441.57
Brockville.	1,529,254.46	111,857.71	.....	1,641,112.17
Brussels.	91,427.89	3,456.95	.....	94,884.84
Burford.	92,688.04	4,866.38	.....	97,554.42
Burgessville.	28,394.87	1,054.15	.....	29,449.02
Burk's Falls.	37,465.97	5,643.64	.....	43,109.61
Burlington.	1,465,016.54	235,128.97	.....	1,700,145.51
Cache Bay.	10,880.57	1,562.22	.....	12,442.79
Caledonia.	136,171.79	6,592.52	.....	142,764.31
Campbellford.	22,564.34	4,842.57	.....	27,406.91
Campbellville.	20,848.36	1,151.85	.....	22,000.21
Cannington.	83,950.72	4,854.16	.....	88,804.88
Capreol.	41,096.62	11,205.86	.....	52,302.48
Cardinal.	92,447.39	7,811.90	.....	100,259.29
Carleton Place.	519,382.26	17,132.61	.....	536,514.87
Casselman.	36,797.11	5,755.88	.....	42,552.99
Cayuga.	65,634.69	2,570.90	.....	68,205.59
Chalk River.	24,120.72	3,272.83	.....	27,393.55
Chapleau Twp. ....	.....	1,827.00	.....	1,827.00
Chatham.	2,460,499.04	129,506.96	.....	2,590,006.00
Chatsworth.	34,117.60	1,950.97	.....	36,068.57
Chesley.	197,263.67	8,478.86	.....	205,742.53
Chesterville.	154,322.73	8,657.88	.....	162,980.61
Chippawa.	123,770.20	7,391.23	.....	131,161.43
Clifford.	52,155.29	2,672.22	.....	54,827.51
Clinton.	285,312.48	12,796.96	.....	298,109.44
Cobden.	48,293.35	4,784.73	.....	53,078.08
Cobourg.	805,191.22	81,749.21	.....	886,940.43
Cochrane.	51,938.07	14,481.52	.....	66,419.59
Colborne.	81,420.25	8,177.81	.....	89,598.06
Coldwater.	71,702.93	4,069.95	.....	75,772.88
Collingwood.	773,389.89	42,064.99	.....	815,454.88
Comber.	69,548.36	340.23	.....	69,208.13
Coniston.	19,089.17	5,778.57	.....	24,867.74
Cookstown.	40,893.95	2,630.79	.....	43,524.74
Cottam.	34,337.87	2,628.51	.....	36,966.38
Courtright.	30,503.13	861.21	.....	31,364.34
Creemore.	65,031.50	3,417.27	106.37	68,555.14
Dashwood.	46,622.40	1,712.32	.....	48,334.72
Deep River.	112,814.82	21,318.87	.....	134,133.69
Delaware.	27,304.64	1,805.06	.....	29,109.70

**STATEMENT OF EQUITIES ACCUMULATED BY MUNICIPALITIES
THROUGH DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1965

Municipality	Balance at December 31, 1964	Net Provision and Interest Added during Year	Equity Acquired through Annexation	Balance at December 31, 1965
	\$	\$	\$	\$
Delhi.....	190,960.82	18,969.43	.....	209,930.25
Deseronto.....	99,712.80	9,272.51	.....	108,985.31
Dorchester.....	48,798.28	2,639.02	.....	51,437.30
Drayton.....	65,197.70	2,051.15	.....	67,248.85
Dresden.....	192,411.24	10,346.19	.....	202,757.43
Drumbo.....	38,392.74	1,069.28	.....	39,462.02
Dryden.....	152,739.23	24,193.57	.....	176,932.80
Dublin.....	31,269.04	1,646.64	.....	32,915.68
Dundalk.....	80,482.92	4,960.31	.....	85,443.23
Dundas.....	860,143.45	49,327.92	.....	909,471.37
Dunnville.....	461,997.89	26,299.30	.....	488,297.19
Durham.....	184,516.94	11,057.97	.....	195,574.91
Dutton.....	86,928.64	2,154.70	.....	89,083.34
East York Twp.....	3,446,780.36	279,203.78	.....	3,725,984.14
Eganville.....	26,042.61	4,180.70	.....	30,223.31
Elmira.....	471,757.45	23,486.54	1,075.48	496,319.47
Elmvale.....	78,138.57	4,117.12	.....	82,255.69
Elmwood.....	28,824.26	1,372.24	.....	30,196.50
Elora.....	165,231.81	3,023.50	.....	168,255.31
Embro.....	56,813.42	2,206.74	.....	59,020.16
Embrun.....	.....	781.00	.....	781.00
Erieau.....	57,286.75	3,715.78	.....	61,002.53
Erie Beach.....	10,135.02	605.04	.....	10,740.06
Erin.....	33,940.99	4,700.64	.....	38,641.63
Espanola.....	43,822.70	13,549.91	.....	57,372.61
Essex.....	218,756.67	12,916.68	.....	231,673.35
Etobicoke Twp.....	6,918,415.40	944,371.16	.....	7,862,786.56
Exeter.....	287,088.08	14,459.63	.....	301,547.71
Fergus.....	451,917.96	28,409.68	.....	480,327.64
Finch.....	35,206.85	2,687.27	.....	37,894.12
Flesherton.....	40,539.66	2,498.14	.....	43,037.80
Fonthill.....	98,616.80	9,801.67	.....	108,418.47
Forest.....	219,792.33	11,295.44	.....	231,087.77
Forest Hill.....	1,619,521.75	122,689.47	.....	1,742,211.22
Fort William.....	6,412,646.58	408,428.86	.....	6,821,075.44
Frankford.....	42,714.18	5,799.57	.....	48,513.75
Galt.....	3,144,927.28	140,819.82	.....	3,285,747.10
Georgetown.....	749,939.50	53,136.67	.....	803,076.17
Glencoe.....	105,232.50	3,472.68	.....	108,705.18
Gloucester Twp.....	.....	30,855.00	.....	30,855.00
Goderich.....	731,100.39	39,813.19	.....	770,913.58
Grand Bend.....	71,113.47	6,830.15	.....	77,943.62
Grand Valley.....	72,288.62	3,403.47	.....	75,692.09
Granton.....	29,538.36	76.47	.....	29,614.83
Gravenhurst.....	294,306.86	20,267.29	.....	314,574.15

**STATEMENT OF EQUITIES ACCUMULATED BY MUNICIPALITIES
THROUGH DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1965

Municipality	Balance at December 31, 1964	Net Provision and Interest Added during Year	Equity Acquired through Annexation	Balance at December 31, 1965
	\$	\$	\$	\$
Grimsby.....	218,571.14	24,707.13	.....	243,278.27
Guelph.....	3,867,768.23	199,064.43	.....	4,066,832.66
Hagersville.....	334,635.02	5,107.43	.....	339,742.45
Hamilton.....	38,215,881.45	2,893,752.22	.....	41,109,633.67
Hanover.....	475,351.72	24,020.14	.....	499,371.86
Harriston.....	190,867.28	8,299.23	.....	199,166.51
Harrow.....	193,919.04	11,908.20	.....	205,827.24
Hastings.....	46,129.69	4,640.19	.....	50,769.88
Havelock.....	78,002.36	5,995.09	.....	83,997.45
Hawkesbury.....	135,284.68	24,170.39	.....	159,455.07
Hearst.....	29,714.08	9,387.56	.....	39,101.64
Hensall.....	105,295.28	5,923.53	.....	111,218.81
Hespeler.....	766,032.49	41,508.44	.....	807,540.93
Highgate.....	41,792.64	579.00	.....	42,371.64
Holstein.....	15,331.61	705.72	.....	16,037.33
Huntsville.....	388,430.11	18,421.58	.....	406,851.69
Ingersoll.....	914,735.07	31,537.41	.....	946,272.48
Iroquois.....	66,170.77	6,508.83	.....	72,679.60
Jarvis.....	76,276.16	1,306.27	.....	77,582.43
Kapuskasing.....	78,459.01	20,309.36	.....	98,768.37
Kemptville.....	183,474.75	12,180.47	.....	195,655.22
Killaloe Station.....	15,732.35	2,455.33	.....	18,187.68
Kincardine.....	316,962.23	17,860.08	.....	334,822.31
King City.....	33,621.65	6,670.08	.....	40,291.73
Kingston.....	3,198,547.47	390,524.19	.....	3,589,071.66
Kingsville.....	262,524.08	11,983.74	.....	274,507.82
Kirkfield.....	15,975.91	528.34	.....	16,504.25
Kitchener.....	7,948,965.67	419,325.34	.....	8,368,291.01
Lakefield.....	142,731.77	12,779.27	.....	155,511.04
Lambeth.....	88,224.28	7,307.78	.....	95,532.06
Lanark.....	45,156.41	2,254.75	.....	47,411.16
Lancaster.....	35,899.13	1,397.88	.....	37,297.01
Larder Lake Twp... ..	21,226.68	4,842.07	.....	26,068.75
Latchford.....	4,153.27	956.13	.....	5,109.40
Leamington.....	729,029.46	52,493.99	.....	781,523.45
Lindsay.....	990,914.94	89,917.60	.....	1,080,832.54
Listowel.....	465,842.08	25,469.36	.....	491,311.44
London.....	12,827,403.58	656,540.44	.....	13,483,944.02
Long Branch.....	560,019.72	54,742.79	.....	614,762.51
L'Orignal.....	19,466.44	3,463.66	.....	22,930.10
Lucan.....	89,086.53	2,682.06	.....	91,768.59
Lucknow.....	130,577.37	6,548.11	.....	137,125.48
Lynden.....	49,864.97	224.39	.....	50,089.36
Madoc.....	97,098.94	8,841.96	.....	105,940.90
Magnetawan.....	6,153.00	858.12	.....	7,011.12

**STATEMENT OF EQUITIES ACCUMULATED BY MUNICIPALITIES
THROUGH DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1965

Municipality	Balance at December 31, 1964	Net Provision and Interest Added during Year	Equity Acquired through Annexation	Balance at December 31, 1965
	\$	\$	\$	\$
Markdale.....	78,314.93	5,452.62	.....	83,767.55
Markham.....	220,049.98	26,003.86	.....	246,053.84
Marmora.....	70,495.91	6,540.84	.....	77,036.75
Martintown.....	17,096.22	1,015.31	.....	18,111.53
Massey.....	10,314.94	3,307.60	.....	13,622.54
Maxville.....	63,576.07	3,505.98	.....	67,082.05
McGarry Twp.....	19,637.45	4,408.50	.....	24,045.95
Meaford.....	308,755.48	23,353.55	.....	332,109.03
Merlin.....	54,370.31	834.44	.....	55,204.75
Merrickville.....	29,427.63	3,810.11	.....	33,237.74
Midland.....	1,126,964.53	52,071.25	.....	1,179,035.78
Mildmay.....	49,181.30	4,488.25	.....	53,669.55
Millbrook.....	38,322.18	3,938.89	.....	42,261.07
Milton.....	529,016.30	18,090.38	.....	547,106.68
Milverton.....	175,057.54	1,527.21	.....	176,584.75
Mimico.....	944,310.32	50,757.40	.....	995,067.72
Mitchell.....	252,122.41	12,598.93	.....	264,721.34
Moorefield.....	34,222.50	1,604.15	.....	35,826.65
Morrisburg.....	105,983.05	10,395.32	.....	116,378.37
Mount Brydges.....	45,769.13	2,728.03	.....	48,497.16
Mount Forest.....	226,933.69	14,527.94	.....	241,461.63
Napance.....	413,708.91	33,685.36	.....	447,394.27
Nepean Twp.....	53,041.00	120,571.64	493,689.27	667,301.91
Neustadt.....	36,194.47	1,456.84	.....	37,651.31
Newboro.....	6,520.65	818.83	.....	7,339.48
Newburgh.....	17,025.24	2,065.01	.....	19,090.25
Newbury.....	22,086.73	662.75	.....	22,749.48
Newcastle.....	71,905.42	7,605.22	.....	79,510.64
New Hamburg.....	230,675.35	7,175.80	.....	237,851.15
Newmarket.....	420,000.05	48,185.53	.....	468,185.58
New Toronto.....	3,088,898.34	172,282.48	.....	3,261,180.82
Niagara.....	222,514.58	11,091.76	.....	233,606.34
Niagara Falls.....	3,916,698.12	181,074.49	.....	4,097,772.61
Nipigon Twp.....	149,961.89	14,000.48	.....	163,962.37
North Bay.....	317,148.72	80,676.95	.....	397,825.67
North York Twp.....	9,406,707.51	1,400,034.90	.....	10,806,742.41
Norwich.....	159,730.99	3,621.20	.....	163,352.19
Norwood.....	64,363.19	5,669.53	.....	70,032.72
Oakville.....	1,979,886.40	393,954.69	.....	2,373,841.09
Oil Springs.....	84,161.10	1,320.67	.....	82,840.43
Omeme.....	39,923.62	3,727.94	.....	43,651.56
Orangeville.....	357,037.46	28,602.68	.....	385,640.14
Orillia.....	267,685.65	46,914.43	.....	314,600.08
Orono.....	38,236.88	4,635.48	.....	42,872.36
Oshawa.....	6,035,112.42	612,546.50	.....	6,647,658.92

**STATEMENT OF EQUITIES ACCUMULATED BY MUNICIPALITIES
THROUGH DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1965

Municipality	Balance at December 31, 1964	Net Provision and Interest Added during Year	Equity Acquired through Annexation	Balance at December 31, 1965
	\$	\$	\$	\$
Ottawa.....	9,794,434.51	1,218,410.90	.....	11,012,845.41
Otterville.....	51,625.99	2,268.80	.....	53,894.79
Owen Sound.....	1,551,575.55	95,408.53	.....	1,646,984.08
Paisley.....	69,887.86	3,065.61	.....	72,953.47
Palmerston.....	206,682.86	5,859.84	.....	212,542.70
Paris.....	551,257.31	16,070.85	.....	567,328.16
Parkhill.....	120,670.28	5,549.97	.....	126,220.25
Parry Sound.....	136,638.16	19,901.53	.....	156,539.69
Penetanguishene.....	326,654.45	19,643.52	.....	346,297.97
Perth.....	522,485.56	29,551.59	.....	552,037.15
Peterborough.....	3,870,315.16	346,821.61	.....	4,217,136.77
Petrolia.....	410,377.20	6,303.91	.....	416,681.11
Pickering.....	27,307.44	5,524.30	.....	32,831.74
Picton.....	457,413.81	37,237.55	.....	494,651.36
Plantagenet.....	16,863.84	3,683.55	.....	20,547.39
Plattsville.....	68,702.33	4,346.62	.....	73,048.95
Point Edward.....	507,067.27	29,971.56	.....	537,038.83
Port Arthur.....	11,159,423.46	624,963.94	.....	11,784,387.40
Port Burwell.....	27,776.23	2,315.99	.....	30,092.22
Port Colborne.....	858,251.88	73,938.77	.....	932,190.65
Port Credit.....	700,777.08	87,638.95	.....	788,416.03
Port Dover.....	224,641.49	14,936.88	.....	239,578.37
Port Elgin.....	157,356.94	15,535.28	.....	172,892.22
Port Hope.....	784,136.90	64,491.48	.....	848,628.38
Port McNicoll.....	94,899.16	8,020.31	.....	102,919.47
Port Perry.....	150,023.97	11,488.15	.....	161,512.12
Port Rowan.....	46,069.23	3,426.77	.....	49,496.00
Port Stanley.....	204,969.99	6,684.11	.....	211,654.10
Prescott.....	386,272.51	27,103.38	.....	413,375.89
Preston.....	1,269,389.49	39,770.65	.....	1,309,160.14
Priceville.....	6,485.98	410.22	.....	6,896.20
Princeton.....	49,044.87	2,223.89	.....	51,268.76
Queenston.....	43,121.46	1,724.31	.....	44,845.77
Rainy River.....	9,454.71	3,883.19	.....	13,337.90
Red Rock.....	61,182.16	6,002.29	.....	67,184.45
Renfrew.....	252,849.19	32,288.97	.....	285,138.16
Richmond.....	43,801.81	5,242.07	.....	49,043.88
Richmond Hill.....	515,182.20	69,080.71	.....	584,262.91
Ridgetown.....	218,095.46	9,327.12	.....	227,422.58
Ripley.....	50,914.24	2,142.22	.....	53,056.46
Riverside.....	665,834.95	50,801.60	.....	716,636.55
Rockland.....	53,361.00	8,068.44	.....	61,429.44
Rockwood.....	59,254.12	2,517.25	.....	61,771.37
Rodney.....	77,514.61	3,583.51	.....	81,098.12
Rosseau.....	21,107.17	1,495.29	.....	22,602.46

**STATEMENT OF EQUITIES ACCUMULATED BY MUNICIPALITIES
THROUGH DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1965

Municipality	Balance at December 31, 1964	Net Provision and Interest Added during Year	Equity Acquired through Annexation	Balance at December 31, 1965
	\$	\$	\$	\$
Russell.....	37,266.21	3,028.65	.....	40,294.86
St. Catharines.....	8,084,227.89	614,322.75	.....	8,698,550.64
St. Clair Beach.....	56,755.71	3,886.73	.....	60,642.44
St. George.....	71,775.83	3,215.65	.....	74,991.48
St. Jacobs.....	92,727.36	3,584.88	.....	96,312.24
St. Mary's.....	815,588.59	67,682.69	.....	883,271.28
St. Thomas.....	2,361,488.97	86,664.99	.....	2,448,153.96
Sandwich East.....	389,061.11	60,001.00	.....	449,062.11
Sandwich West.....	723,163.71	103,811.55	.....	826,975.26
Sarnia.....	7,171,507.21	792,031.20	.....	7,963,538.41
Scarborough Twp.....	7,405,886.91	978,938.70	.....	8,384,825.61
Schreiber Twp.....	82,920.53	9,633.82	.....	92,554.35
Seaforth.....	256,960.30	7,033.58	.....	263,993.88
Shelburne.....	123,508.26	6,374.77	.....	129,883.03
Simcoe.....	840,139.89	57,942.07	.....	898,081.96
Sioux Lookout.....	29,728.76	11,898.15	.....	41,626.91
Smith's Falls.....	820,823.44	52,416.54	.....	873,239.98
Smithville.....	55,089.80	5,069.59	16.72	60,176.11
Southampton.....	148,408.06	12,919.32	.....	161,327.38
South River.....	6,582.11	2,436.28	.....	9,018.39
Springfield.....	41,316.06	1,029.80	.....	42,345.86
Stayner.....	113,991.07	7,977.00	.....	121,968.07
Stirling.....	91,869.90	8,103.80	.....	99,973.70
Stoney Creek.....	196,997.97	25,168.92	.....	222,166.89
Stouffville.....	183,496.24	14,927.30	.....	198,423.54
Stratford.....	2,613,415.54	71,632.64	.....	2,685,048.18
Strathroy.....	482,549.60	24,035.61	.....	506,585.21
Streetsville.....	183,874.93	22,885.00	.....	206,759.93
Sturgeon Falls.....	58,027.96	16,826.12	.....	74,854.08
Sudbury.....	754,021.71	228,657.87	.....	982,679.58
Sunderland.....	50,136.46	2,937.98	.....	53,074.44
Sundridge.....	22,678.31	3,935.13	.....	26,613.44
Sutton.....	139,445.05	9,563.98	.....	149,009.03
Swansea.....	724,106.17	55,977.25	.....	780,083.42
Tara.....	54,608.96	2,648.50	.....	57,257.46
Tavistock.....	200,787.64	4,370.66	.....	205,158.30
Tecumseh.....	184,467.86	11,776.65	.....	196,244.51
Teeswater.....	87,598.66	4,588.66	.....	92,187.32
Terrace Bay Twp.....	118,918.87	10,740.75	.....	129,659.62
Thamesford.....	94,024.57	5,580.89	.....	99,605.46
Thamesville.....	103,287.17	5,189.18	.....	108,476.35
Thedford.....	63,274.44	2,924.43	.....	66,198.87
Thessalon.....	17,491.17	5,017.65	.....	22,508.82
Thornbury.....	52,310.99	7,631.44	.....	59,942.43
Thorndale.....	38,208.84	1,034.46	.....	39,243.30
Thornton.....	18,568.56	685.55	.....	19,254.11
Thorold.....	1,072,470.30	90,106.33	.....	1,162,576.63
Tilbury.....	284,717.54	11,620.47	.....	296,338.01
Tillsonburg.....	542,345.65	34,088.54	.....	576,434.19
Toronto.....	95,610,335.92	3,202,080.83	.....	98,812,416.75

**STATEMENT OF EQUITIES ACCUMULATED BY MUNICIPALITIES
THROUGH DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1965

Municipality	Balance at December 31, 1964	Net Provision and Interest Added during Year	Equity Acquired through Annexation	Balance at December 31, 1965
	\$	\$	\$	\$
Toronto Twp.....	3,454,345.59	504,087.10	.....	3,958,432.69
Tottenham.....	61,524.54	2,319.48	.....	63,844.02
Trenton.....	1,268,978.87	116,859.15	.....	1,385,838.02
Tweed.....	116,039.30	10,834.57	.....	126,873.87
Uxbridge.....	176,824.13	15,200.41	.....	192,024.54
Vankleek Hill.....	29,969.81	4,659.79	.....	34,629.60
Victoria Harbour.....	41,308.58	3,067.64	.....	44,376.22
Walkerton.....	276,905.70	27,533.23	.....	304,438.93
Wallaceburg.....	1,265,633.54	71,904.08	31,111.65	1,368,649.27
Wardsville.....	25,407.37	1,305.71	.....	26,713.08
Warkworth.....	32,657.04	2,628.28	.....	35,285.32
Wasaga Beach.....	38,363.87	5,165.55	.....	43,529.42
Waterdown.....	119,026.30	4,656.40	.....	123,682.70
Waterford.....	163,953.55	7,049.84	.....	171,003.39
Waterloo.....	1,770,517.13	120,307.26	9,206.30	1,900,030.69
Watford.....	160,761.12	9,714.17	.....	170,475.29
Waubashene.....	36,383.41	2,545.50	.....	38,928.91
Webbwood.....	3,128.79	911.15	.....	4,039.94
Welland.....	2,402,002.70	172,557.90	.....	2,574,560.60
Wellesley.....	66,023.36	1,156.31	.....	67,179.67
Wellington.....	82,337.97	6,164.52	.....	88,502.49
West Ferris Twp.....	72,942.02	23,995.68	.....	96,937.70
West Lorne.....	150,986.37	4,803.95	.....	155,790.32
Weston.....	1,299,885.39	51,729.33	.....	1,351,614.72
Westport.....	45,904.63	3,845.19	.....	49,749.82
Wheatley.....	109,792.59	6,384.73	.....	116,177.32
Whitby.....	751,629.90	87,662.20	.....	839,292.10
Warton.....	150,108.22	12,938.33	.....	163,046.55
Widdifield Twp.....	.....	19,880.00	.....	19,880.00
Williamsburg.....	35,583.92	2,097.69	.....	37,681.61
Winchester.....	140,107.68	9,864.66	.....	149,972.34
Windermere.....	19,636.61	1,618.46	.....	21,255.07
Windsor.....	14,849,521.61	449,599.14	.....	15,299,120.75
Wingham.....	296,004.47	16,805.84	.....	312,810.31
Woodbridge.....	246,612.30	13,260.72	.....	259,873.02
Woodstock.....	2,386,722.45	120,679.24	.....	2,507,401.69
Woodville.....	35,105.24	1,347.53	.....	36,452.77
Wyoming.....	52,145.89	3,132.09	.....	55,277.98
York Twp.....	6,259,149.99	415,372.98	.....	6,674,522.97
Zurich.....	67,375.97	2,052.90	.....	69,428.87
TOTALS.....	371,211,692.20	25,148,723.07	535,205.79	396,895,621.06

NOTES

1. The net provision and interest credited during the year consist of the following amounts shown in the Statement of Equities Accumulated through Debt Retirement Fund Charges on page 33:

Interest.....	\$14,848,468
Provision—direct.....	17,847,176
—indirect.....	248,242
	<u>\$32,943,886</u>
Less credits resulting from matured debt retirement funds.....	7,795,163
	<u>\$25,148,723</u>

2. The information contained in note 8 on page 35 is an integral part of this Statement.

APPENDIX III—RURAL

POWER is delivered in wholesale quantities by the Commission to 83 rural operating areas. Within the areas, retail customers are supplied under the following five classes of service: farm, residential (rural, hamlet and suburban), commercial, summer, and industrial power. The description of these classes of service and the rates applicable to them at December 31, 1965 are included in this appendix.

Description of Main Classes of Service

Farm service means service rendered to a property used for the production of food or industrial crops. It provides for the electrical supply of all farm buildings and equipment located on a farm and used for farm purposes, including equipment required for processing the products of that farm. Service may be supplied under one farm contract to all dwellings or separate domestic establishments located on the farm and occupied by persons engaged in its operation. Additional dwellings or domestic establishments located on a farm property and occupied by persons otherwise engaged are classed as residential service. Small properties of thirty acres and under are classified as residential service unless special circumstances warrant a classification as farm service.

There are three sub-classes of year-round domestic service. Rural residential service is supplied to isolated domestic establishments served as part of a rural operating area. Hamlet residential service is supplied to all domestic establishments in built-up areas where there are six or more customers in any

quarter-mile section of road. Suburban residential service is supplied to all domestic establishments in built-up suburban communities where there are at least 100 customers in a group, and where there are 12 or more customers in any quarter-mile section of road or street.

Commercial service applies to a wide variety of business or community establishments such as hotels, offices, stores, churches, schools, or small manufacturing and processing plants having single-phase supply. Sign and display lighting are included.

Summer service is applicable to residential properties normally used only for seasonally limited periods of the year.

Industrial power service, which is 3-phase service for manufacturing and processing, is provided at secondary, rural primary distribution, or sub-transmission voltage.

Rural Rate Structure

Rural rates in effect throughout the province are given in the accompanying tables. They are quoted on a monthly basis, except the rate for summer service, which is quoted on an annual basis. The table shows the number of kilowatt-hours in each energy block, and the rate applicable, for each class of service. The bills are subject to a monthly minimum as shown or, with respect to summer service, to an annual minimum. For contracts with a demand rating (CD and Industrial Power) these aspects of the bill are based on measured demand and are subject to minima related to demands established in previous billing periods.

The all-electric rates in effect throughout the province apply to year-round domestic services where the sole source of energy is electricity, or where electric energy provides space-heating, cooking, and water-heating through the use of a 40-gallon package-type unit or its equivalent.

For industrial power service supplied at secondary or rural primary voltage there are 7 rate schedules, as listed in the following table. The alphabetical list of the 83 rural operating areas indicates the schedule number of the power service rate applicable to each area as at December 31, 1965.

Industrial power service at sub-transmission voltage is supplied at special rates established for each customer and based on the cost of power and location of plant.

RATES AND TYPICAL BILLS FOR RURAL ELECTRICAL SERVICE
as at December 31, 1965

Rates are quoted on a monthly basis for all services except summer service, which are quoted on an annual basis. All are subject to 10% prompt payment discount.

Class and Rating	Electric Heating Separately Billed per Kwh	All Electric		Number of Kilowatt-Hours per Month Billed at Uniform Kwh Rate Shown (+ indicates all additional)						Minimum Bill Per Month (Gross)	Net Monthly Bill for	
		First 50 Kwh or less	All Additional per Kwh	4.5¢	2.6¢	1.1¢	1.5¢	1.7¢	0.5¢		250 kwh	500 kwh
Rural ▲	¢	\$	¢							\$	\$	\$
Residential												
R20 (see note)	1.39	....	....	60	80	...	+	...	...	1.67	5.79	9.16
R.....	1.39	....	....	60	180	...	+	...	...	2.25	6.78	10.15
E.R.....	...	1.95	1.39	...	...	...	...	...	...	1.95	4.26	7.39
Hamlet ▲												
Residential												
H20 (see note)	1.39	....	....	60	80	500	+	...	...	1.67	5.39	7.87
H.....	1.39	....	....	60	180	500	+	...	...	2.25	6.74	9.22
E.H.....	...	1.95	1.39	...	...	...	...	...	...	1.95	4.26	7.39
Suburban ▲												
Residential												
B.....	1.22	....	....	60	180	+	...	...	...	2.25	6.74	9.22
E.B.....	...	1.39	1.22	...	...	...	...	...	...	1.39	3.45	6.19
Commercial	1.50	....	....	...	...	...	...	...	...	...	...	...
C20 (see note)	...	....	....	60	120	...	+	...	...	1.50	6.18	9.56
C35.....	...	....	....	90	180	...	+	...	...	2.25	7.39	10.96
C50.....	...	....	....	150	300	...	+	...	...	3.75	8.42	13.77
CD.....	...	....	....	15*	30*	...	+	...	...	.40*	8.42	13.77†
Farm ▲												
F.....	1.39	....	....	60	180	...	+	...	...	2.25	6.78	10.15
Farm Demand											Net Monthly Bill for	
FD.....	1.39	....	....	...	...	...	...	200*	+	34.00	2,000 kwh	4,000 kwh
											30.60†	39.60†
Summer (on annual basis)											Net Annual Bill for	
S.....	...	....	....	225§	675§	...	+	...	...	44.44§†	750 kwh	1,000 kwh
											41.40	46.26

*Per kw of demand

‡Includes annual fixed charge of \$22.22 Gross

§Per year

†Calculated on basis of demand of 10 kw

NOTE—The H20, R20 and C20 rates were discontinued as of January 1, 1959 except for existing 2-wire services at that time.

▲Upon application to the Commission, a customer in the Residential and Farm classes, using a C.S.A. approved water heater with tank and element sizes acceptable to the Commission, will have a special block of 400 kwh at 0.8¢ per kwh inserted in the rate structure after the 2.6¢ per kwh rate.

E.R., E.H., E.B.—all-electric contract designations.





Area Industrial Power Service Schedules in Effect

Schedule	No. of Kwh in First Block	No. of Kwh in Second Block	Demand Rate per Kw	Energy Rate per Kwh for			Net Monthly Bill for Use of 1 Kw of Demand	
				First Block of Kwh	Second Block of Kwh	All Additional Kwh	200 Hours	300 Hours
			\$	¢	¢	¢	\$	\$
1.	50*	50*	1.35	2.3	1.5	0.33	3.22	3.52
2.	50*	50*	1.35	2.6	1.7	0.33	3.45	3.74
3.	50*	50*	1.35	2.8	1.8	0.33	3.58	3.88
4.	50*	50*	1.35	3.1	2.0	0.33	3.81	4.10
5.	50*	50*	1.35	3.4	2.2	0.33	4.03	4.33
6.	50*	50*	1.35	3.7	2.4	0.33	4.26	4.55
7.	50*	50*	1.35	4.0	2.6	0.33	4.48	4.78
8.	50*	50*	1.35	4.6	3.0	0.33	4.93	5.23

*Per kw of demand.

Operating Area	Schedule	Operating Area	Schedule	Operating Area	Schedule
Algoma	6	Huntsville	5	Richmond Hill	4
Alliston	5	Kapuskasing	6	St. Thomas	5
Arnprior	4	Kenora	6	Sarnia	5
Aylmer	4	Kent	4	Simcoe	4
Bancroft	6	Kingston	4	Stayner	4
Barrie	5	Kirkland Lake	6	Stoney Creek	2
Beachville	4	Kitchener	4	Caledonia Section	4
Beamsville	4	Lakefield	4	Stratford	4
Belleville	4	Lancaster	4	Strathroy	5
Bowmanville	4	Listowel	4	Sudbury	6
Bracebridge	4	London	5	Sutton	5
Brampton	4	Manitoulin	8	Terrace Bay	6
Brantford	4	Markham	4	Timmins	6
Brockville	4	Matheson	6	Tweed	5
Cannington	5	Minden	6	Uxbridge	5
Cayuga	6	Napanee	4	Vankleek Hill	4
Clinton	5	New Liskeard	6	Walkerton	5
Cobden	4	North Bay	6	Wallaceburg	5
Cobourg	4	Norwood	5	Warren	6
Dryden	6	Oil Springs	6	Welland	3
Dundas	4	Orangeville	6	West Lorne	6
Elmira ^a	4	Orillia	3	Winchester	4
Essex	5	Ottawa	2	Wingham	5
Exeter	5	Owen Sound	5	Woodbridge	5
Fenelon Falls	5	Parry Sound	5		
Forest	6	Penetanguishene	5		
Fort Frances	6	Perth	4		
Frankford	4	Peterborough	1		
Geraldton	6	Pictou	5		
Guelph	4	Port Arthur	5		

MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS
as at December 31, 1965

OPERATING AREAS BY REGIONS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS								
		Farm	Residential			Com- mercial	Summer		Power	Total
			Rural	Hamlet	Sub- urban		Com- mercial	Other		
EAST SYSTEM										
WESTERN										
Aylmer.....	512.97	2,328	499	1,739	316	446	13	147	33	5,521
Beachville.....	790.42	3,049	479	1,722	.....	473	5	43	40	5,811
Clinton.....	819.69	3,192	237	875	337	413	19	1,081	25	6,179
Essex.....	1,089.50	5,496	751	4,934	1,487	951	103	3,755	168	17,645
Exeter.....	673.16	2,721	194	507	113	264	16	562	28	4,405
Forest.....	347.62	1,412	141	229	43	137	78	1,330	13	3,383
Kent.....	1,087.43	4,405	948	2,071	351	779	43	987	79	9,663
London.....	481.24	1,911	489	1,424	318	404	1	37	79	4,663
Oil Springs.....	367.88	1,524	106	257	42	181	.....	.....	24	2,134
St. Thomas.....	313.41	1,216	256	769	761	260	.....	20	16	3,298
Sarnia.....	299.26	1,183	200	1,510	1,603	401	15	504	48	5,464
Stratford.....	684.26	2,954	264	849	255	386	.....	.....	32	4,740
Strathroy.....	545.63	1,850	582	697	282	303	.....	4	19	3,737
Wallaceburg.....	471.97	1,799	406	742	285	412	1	408	30	4,083
West Lorne.....	507.08	1,847	159	333	.....	236	.....	68	25	2,668
Total.....	8,991.52	36,887	5,711	18,658	6,193	6,046	294	8,946	659	83,394
NIAGARA										
Beamsville.....	574.83	3,101	480	2,768	2,095	629	8	217	99	9,397
Brantford.....	561.25	2,221	729	851	218	390	6	17	17	4,449
Cayuga.....	726.57	2,636	575	1,502	135	446	61	2,653	45	8,053
Dundas.....	392.87	1,669	376	2,580	2,204	417	.....	3	62	7,311
Elmira.....	518.33	1,710	296	956	450	364	17	378	28	4,199
Guelph.....	412.89	1,335	507	1,241	673	298	.....	20	43	4,117
Kitchener.....	473.55	1,596	255	2,462	556	450	.....	159	70	5,548
Listowel.....	693.53	2,955	163	442	404	367	3	222	47	4,603
Simcoe.....	811.67	3,457	1,294	2,088	379	580	88	1,819	40	9,745
Stoney Creek.....	286.44	898	358	3,435	2,071	551	.....	107	96	7,516
Welland.....	567.27	1,631	780	3,300	1,330	655	82	1,435	72	9,285
Total.....	6,019.20	23,209	5,813	21,625	10,515	5,147	265	7,030	619	74,223

MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS

as at December 31, 1965

OPERATING AREAS BY REGIONS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS								
		Farm	Residential			Com- mercial	Summer		Power	Total
			Rural	Hamlet	Sub- urban		Com- mercial	Other		
EAST SYSTEM —Continued.....										
CENTRAL										
Bowmanville.....	545.19	1,531	687	2,058	2,096	521	29	181	65	7,168
Brampton.....	388.83	999	561	1,469	2,233	368	15	172	114	5,931
Markham.....	414.35	1,185	624	2,188	5,102	707	36	552	90	10,484
Richmond Hill...	323.10	838	63	2,318	6,134	773	5	167	167	10,465
Sutton.....	370.34	998	479	1,097	2,497	466	117	3,356	34	9,044
Uxbridge.....	526.58	1,590	490	799	401	274	29	1,858	17	5,458
Woodbridge.....	405.92	1,144	767	1,275	1,571	561	.....	56	113	5,487
Total.....	2,974.31	8,285	3,671	11,204	20,034	3,670	231	6,342	600	54,037
GEORGIAN BAY										
Alliston.....	873.76	3,156	601	948	221	355	11	190	28	5,510
Barrie.....	537.14	1,454	658	1,748	1,415	493	117	3,935	42	9,862
Bracebridge.....	914.40	335	749	1,307	546	409	305	8,772	23	12,446
Cannington.....	515.47	1,222	288	1,137	23	295	57	3,522	12	6,556
Fenelon Falls....	575.17	1,021	231	710	178	254	191	4,764	12	7,361
Huntsville.....	771.35	452	870	925	684	404	275	3,881	29	7,520
Minden.....	582.54	336	365	1,091	408	396	184	5,010	13	7,803
Orangeville.....	776.79	2,203	734	959	494	424	12	502	35	5,363
Orillia.....	532.68	965	545	1,241	1,597	485	136	3,775	32	8,776
Owen Sound.....	1,532.76	4,449	738	1,872	622	871	216	5,323	53	14,144
Parry Sound.....	564.04	169	630	915	218	314	210	2,248	24	4,728
Penetanguishene..	607.68	701	420	1,315	298	304	201	6,814	19	10,072
Stayner.....	511.31	1,553	264	1,012	593	360	245	4,161	23	8,211
Walkerton.....	1,005.67	3,771	407	665	318	486	32	916	29	6,624
Wingham.....	719.00	2,742	106	394	328	323	54	1,060	13	5,020
Total.....	11,019.76	24,529	7,606	16,239	7,943	6,173	2,246	54,873	387	119,996

MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS
 as at December 31, 1965

OPERATING AREAS BY REGIONS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS								
		Farm	Residential			Com- mercial	Summer		Power	Total
			Rural	Hamlet	Sub- urban		Com- mercial	Other		
EAST SYSTEM —Continued										
EASTERN										
Arnprior	469.70	1,066	398	709	593	350	47	1,755	22	4,940
Bancroft	565.54	571	339	1,019	258	222	121	2,106	9	4,645
Belleville	234.12	781	217	1,212	577	296	2	56	35	3,176
Brockville	859.68	2,540	866	2,142	714	649	88	1,633	42	8,674
Cobden	1,320.84	2,588	920	2,234	1,326	836	143	1,927	47	10,021
Cobourg	621.13	1,662	684	1,166	623	357	77	1,213	25	5,807
Frankford	621.40	1,965	539	1,247	574	389	39	642	26	5,421
Kingston	980.80	1,917	737	2,037	3,870	878	12	2,337	84	11,872
Lakefield	541.90	500	271	572	239	217	133	4,877	7	6,816
Lancaster	622.01	2,259	601	686	812	459	21	551	49	5,438
Napanee	600.18	1,948	459	1,103	300	422	43	628	19	4,922
Norwood	413.35	947	228	453	.....	134	56	1,649	6	3,473
Ottawa	513.14	1,573	663	1,420	1,566	466	4	286	39	6,017
Perth	1,403.83	2,899	768	1,586	252	639	158	3,860	33	10,195
Peterborough	673.63	1,723	443	905	1,140	407	90	1,771	35	6,514
Picton	493.59	1,684	457	1,554	179	335	107	972	21	5,309
Tweed	696.04	1,116	722	819	90	330	161	1,394	10	4,642
Vankleek Hill	615.57	2,429	294	899	511	434	12	371	29	4,979
Winchester	1,016.75	3,784	675	1,235	580	608	3	354	55	7,294
Total	13,263.20	33,952	10,281	22,998	14,204	8,428	1,317	28,382	593	120,155
NORTHEASTERN										
Algoma	366.56	376	203	1,123	2,485	565	57	369	62	5,240
Kapuskasing	368.13	285	481	976	1,862	356	19	351	27	4,357
Kirkland Lake	139.30	38	150	304	35	110	25	415	6	1,083
Manitoulin	624.68	853	320	785	777	562	134	876	26	4,333
Matheson	506.99	600	633	551	216	238	7	385	13	2,643
New Liskeard	690.73	1,237	541	674	483	462	1	528	29	3,955
North Bay	758.73	836	915	1,199	643	397	173	1,209	24	5,396
Sudbury	668.63	248	1,097	2,548	6,165	783	17	1,458	79	12,395
Timmins	93.43	143	78	365	407	111	3	104	18	1,229
Warren	552.30	836	630	832	623	402	107	1,305	21	4,756
Total	4,769.48	5,452	5,048	9,357	13,696	3,986	543	7,000	305	45,387

MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS

as at December 31, 1965

OPERATING AREAS BY REGIONS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS								
		Farm	Residential			Com- mercial	Summer		Power	Total
			Rural	Hamlet	Sub- urban		Com- mercial	Other		
WEST SYSTEM										
NORTHWESTERN										
Dryden.....	370.43	227	572	925	185	335	71	495	10	2,820
Fort Frances.....	604.37	902	516	392	187	364	54	247	6	2,668
Geraldton.....	139.58	2	26	503	273	253	14	30	28	1,129
Kenora.....	307.99	55	464	839	5	203	142	1,278	17	3,003
Port Arthur.....	930.97	984	1,523	2,009	625	554	28	1,668	33	7,424
Terrace Bay.....	44.47	.....	4	147	626	129	13	35	14	968
Total.....	2,397.81	2,170	3,105	4,815	1,901	1,838	322	3,753	108	18,012

SUMMARY—MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS

as at December 31, 1965

REGIONS BY SYSTEMS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS								
		Residential				Com- mercial	Summer		Power	Total
		Farm	Rural	Hamlet	Sub- urban		Com- mercial	Other		
EAST SYSTEM										
Western.....	8,991.52	36,887	5,711	18,658	6,193	6,046	294	8,946	659	83,394
Niagara.....	6,019.20	23,209	5,813	21,625	10,515	5,147	265	7,030	619	74,223
Central.....	2,974.31	8,285	3,671	11,204	20,034	3,670	231	6,342	600	54,037
Georgian Bay....	11,019.76	24,529	7,606	16,239	7,943	6,173	2,246	54,873	387	119,996
Eastern.....	13,263.20	33,952	10,281	22,998	14,204	8,428	1,317	28,382	593	120,155
Northeastern....	4,769.48	5,452	5,048	9,357	13,696	3,986	543	7,000	305	45,387
Total.....	47,037.47	132,314	38,130	100,081	72,585	33,450	4,896	112,573	3,163	497,192
WEST SYSTEM										
Northwestern....	2,397.81	2,170	3,105	4,815	1,901	1,838	322	3,753	108	18,012
Grand Total...	49,435.28	134,484	41,235	104,896	74,486	35,288	5,218	116,326	3,271	515,204

Rural Electrical Service 1956 - 1965

CUSTOMERS, REVENUE AND CONSUMPTION, BY CLASSES OF SERVICE

Class of Service	Year	Revenue	Consumption	Customers	Monthly Consumption per Customer	Average Cost perKwh
		\$	kwh		kwh	c
*Farm.....	1956	13,671,336	642,704,082	139,289	385	2.13
	1957	14,386,097	685,863,992	140,604	408	2.10
	1958	15,159,553	739,085,422	140,343	438	2.05
	1959	16,122,453	804,044,121	140,892	477	2.01
	1960	16,688,958	850,192,892	140,782	503	1.96
	1961	17,367,400	909,189,400	138,924	542	1.91
	1962	17,975,845	971,696,100	137,954	585	1.85
	1963	19,086,801	1,058,604,500	136,864	642	1.80
	1964	19,447,674	1,090,954,900	135,680	667	1.78
	1965	20,408,010	1,170,321,600	134,484	722	1.74
*Hamlet, Rural, and Suburban Residential.....	1956	14,639,910	689,671,299	181,113	321	2.12
	1957	16,174,554	780,555,462	196,025	345	2.07
	1958	17,732,046	905,280,698	207,570	374	1.96
	1959	18,862,773	988,315,209	218,287	387	1.91
	1960	20,151,434	1,070,637,716	221,915	405	1.88
	1961	20,494,966	1,096,653,000	205,822	427	1.87
	1962	21,366,479	1,153,182,400	215,857	456	1.85
	1963	23,616,431	1,299,169,800	224,024	492	1.82
	1964	24,563,281	1,364,958,200	220,199	512	1.80
	1965	25,686,192	1,459,057,800	220,617	552	1.76
*Commercial..... (including Summer Commercial)	1956	4,444,185	210,438,939	33,481	532	2.11
	1957	4,855,540	232,393,865	35,179	564	2.09
	1958	5,346,040	259,521,547	36,966	600	2.06
	1959	5,764,611	282,562,584	38,176	627	2.04
	1960	6,099,889	301,874,591	38,887	653	2.02
	1961	6,425,565	324,871,900	38,496	700	1.98
	1962	6,739,668	343,061,600	39,574	732	1.96
	1963	7,423,798	383,400,200	40,509	798	1.94
	1964	7,821,307	407,033,500	40,525	837	1.92
	1965	8,355,580	435,773,100	40,506	896	1.92
*Summer.....	1956	2,478,450	45,989,563	74,390	54	5.39
	1957	2,709,831	50,674,936	79,792	55	5.35
	1958	2,943,051	55,170,380	85,611	56	5.33
	1959	3,170,306	60,345,721	91,390	57	5.25
	1960	4,141,665	67,785,615	95,196	61	6.11
	1961	4,358,812	74,693,800	99,032	64	5.84
	1962	4,613,953	83,051,000	103,415	68	5.56
	1963	4,979,590	96,694,400	108,077	76	5.15
	1964	5,225,074	105,483,200	112,445	80	4.95
	1965	5,624,928	122,354,200	116,326	89	4.60
Industrial Power.....	1956	3,402,416	207,252,224	1,782	9,975	1.64
	1957	3,732,252	225,748,793	2,011	9,920	1.65
	1958	4,410,317	278,005,882	2,113	11,235	1.59
	1959	4,612,172	287,458,107	2,325	10,795	1.60
	1960	5,017,774	325,416,458	2,511	11,215	1.54
	1961	5,414,240	354,069,300	2,475	11,835	1.53
	1962	6,236,466	418,959,700	2,762	13,333	1.49
	1963	7,840,887	555,322,000	3,036	15,963	1.41
	1964	9,782,441	779,264,700	3,139	21,033	1.26
	1965	10,997,087	907,222,800	3,271	23,589	1.21

*Consumption for flat-rate water heaters is included on the basis of an estimated 16.8 hours' daily use.

SUPPLEMENT

MUNICIPAL ELECTRICAL SERVICE

RETAIL service in cities, towns and villages, and in certain more densely populated township areas is provided principally by the 360 associated municipal electrical utilities. There are, however, 28 towns, townships and villages, located mostly in the northeastern part of the province, where the Commission owns the distribution facilities and serves the retail customers directly. In order to make the record of this category of service as complete as possible, retail service in this supplement is interpreted as including both that provided by the municipal utilities and that provided by the Commission in these 28 other distribution systems.

The accompanying summary table and graphs cover three major classes of service provided during 1965 in all 388 communities, where a total of 1,626,910 customers were served, 1,595,343 by the municipal utilities, and 31,567 by the Commission. In this Section a brief commentary on these operations in general, and those of the municipal electrical utilities in particular, is supplemented by tabular statements giving information on financial operations, rates, consumption, typical bills, and average cost per kilowatt-hour. Statements "A" and "B" include a balance sheet and an operating statement for each of the municipal electrical utilities, and Statements "C" and "D" more general statistics for all 388 communities. The population figures quoted are for the most part those given in the Municipal Directory for 1966, published by the Department of Municipal Affairs of the Province of Ontario.

Municipal Electrical Service
CUSTOMERS, REVENUE AND CONSUMPTION
1956 to 1965

Service	Year	Revenue	Consumption	Customers	Monthly Consumption per Customer	Average Cost per Kwh
		\$	kwh		kwh	¢
Residential.	1956	61,234,494	5,191,581,628	1,031,482	419	1.18
	1957	65,842,103	5,602,672,756	1,072,868	435	1.18
	1958	69,804,608	6,036,470,489	1,139,061	442	1.16
	1959	73,955,229	6,540,969,291	1,194,878	456	1.13
	1960	78,337,615	6,944,659,090	1,234,903	469	1.13
	1961	83,682,550	7,400,028,084	1,307,893	472	1.13
	1962	89,016,406	7,852,651,665	1,346,408	486	1.13
	1963	93,121,018	8,255,600,930	1,382,270	498	1.13
	1964	98,724,259	8,742,950,806	1,434,174	508	1.13
	1965	106,738,283	9,423,405,257	1,475,590	532	1.13
Commercial.	1956	31,423,691	2,081,200,929	127,497*	1,360	1.51
	1957	33,901,487	2,270,913,902	124,757*	1,517	1.49
	1958	35,968,060	2,445,225,765	122,446*	1,664	1.47
	1959	38,079,501	2,669,327,226	120,733*	1,842	1.43
	1960	41,229,320	2,921,670,317	123,441*	1,972	1.41
	1961	45,718,484	3,289,119,534	122,863*	2,231	1.39
	1962	49,438,348	3,633,872,392	121,964*	2,483	1.36
	1963	53,130,394	3,983,332,309	123,296*	2,692	1.33
	1964	58,244,181	4,460,958,590	125,555*	2,961	1.31
	1965	64,558,257	4,988,713,185	127,645*	3,257	1.29
Industrial Power. . .	1956	47,808,610	5,140,704,025	22,809*	18,782	0.93
	1957	50,124,976	5,366,245,253	22,607*	19,781	0.93
	1958	52,741,979	5,651,743,390	23,077*	20,409	0.93
	1959	61,167,603	7,052,152,034	23,545*	24,960	0.87
	1960	64,057,506	7,326,683,025	23,613*	25,857	0.87
	1961	69,215,271	7,994,001,074	23,179*	28,740	0.87
	1962	74,198,657	8,704,987,001	23,145*	31,342	0.85
	1963	79,740,870	9,581,875,552	23,456*	34,042	0.83
	1964	86,451,270	10,488,380,325	23,866*	36,622	0.82
	1965	95,988,774	11,668,654,346	23,675*	41,072	0.82

*Irregular variations from year to year in numbers of customers result from reclassifications from commercial to residential and from industrial power to commercial service.

NOTE : Kwh consumption figures for residential and commercial service in the above table reflect the use of flat-rate water heaters for a uniform average of 16.8 hours per day.

Residential, commercial, and industrial power services all showed increases in revenue, consumption, and average monthly consumption per customer, and with the single exception of commercial total consumption, all increases were improvements over 1964 rates of increase. In every instance the percentage increase exceeded the averages of the past five years. To some extent these statistical comparisons are affected by the customer reclassification referred to in the note on the summary table.

The graphs on page 145 portray the accelerating growth in commercial and industrial power service consumption and the resulting relatively steady decline in unit cost. The less rapid growth in residential service has been sufficient in recent years to maintain a steady average unit cost, in itself a significant achievement in an economy of steadily rising prices.

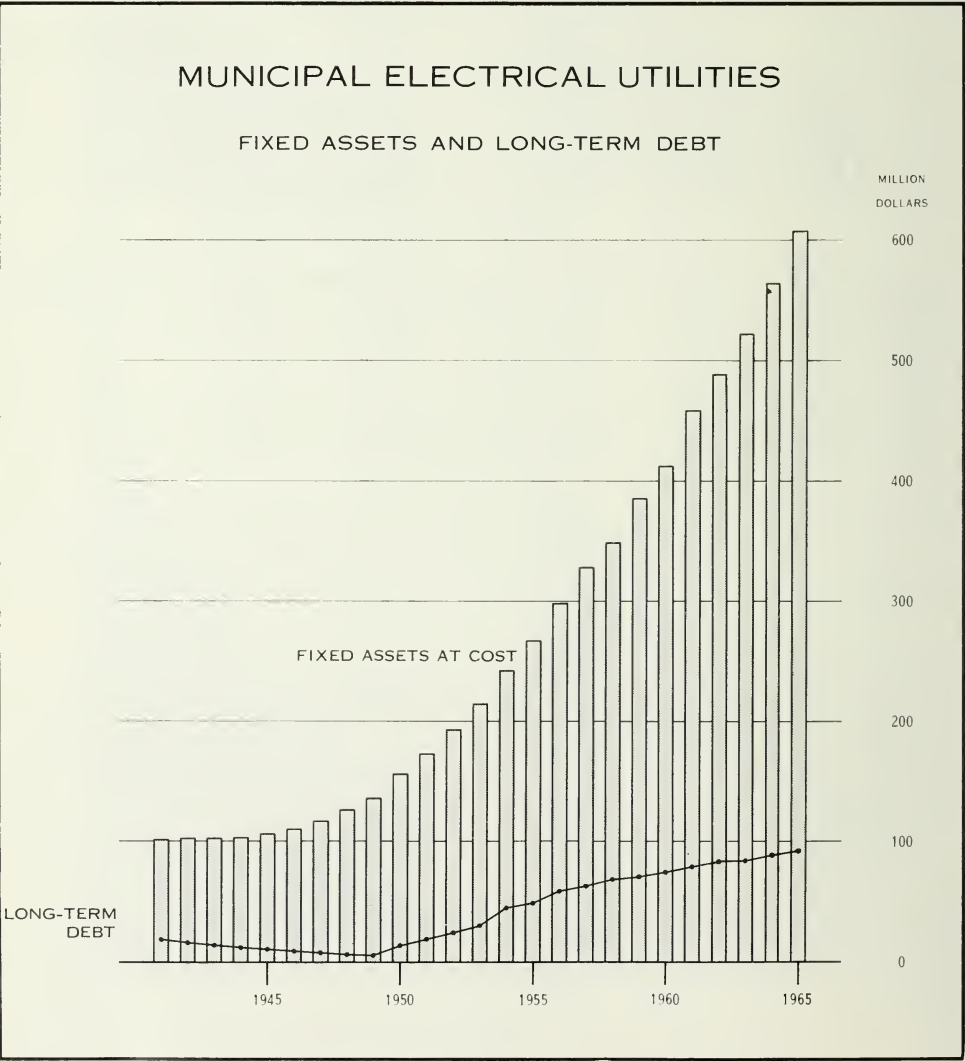
MUNICIPAL ELECTRICAL SERVICE

ANNUAL ENERGY CONSUMPTION AND AVERAGE COST PER KILOWATT-HOUR



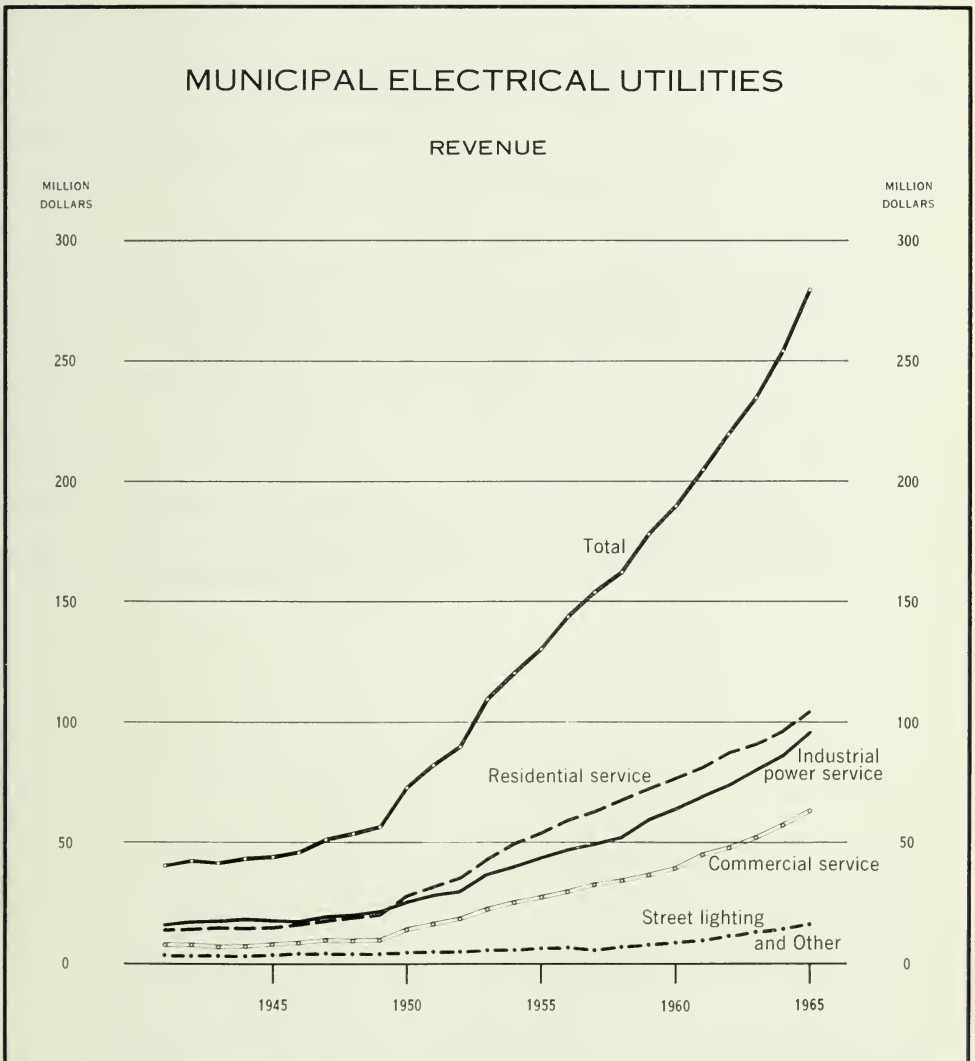
MUNICIPAL ELECTRICAL UTILITIES

Total assets of the 360 municipal electrical utilities after deducting accumulated depreciation rose by \$63,377,275 during 1965 to a total of \$924,647,558. A large item in these assets is the \$378,707,011 designated as equity in Ontario Hydro systems, which represents capital contributed by the utilities for the purpose of retiring the Commission's fixed-term debt. These contributions are included in the cost of power purchased, and the total contribution of each municipality is itemized in the schedule of Equities Accumulated through Debt Retirement Charges in Appendix II. The total differs from that shown in Statement "A", however, as the individual utilities close their accounts at the



end of the year before the Commission's calculations for this schedule are available. The figures in Statement "A" are, therefore, for the most part as at the end of the preceding rather than the current year.

The investment of the municipal electrical utilities in fixed assets at cost increased by \$43,266,910 to a total of \$607,675,682, against which depreciation of \$148,250,022 had been accumulated. Net long-term debt, that is debentures outstanding less local sinking fund set aside for the retirement of debt, rose only by \$3,040,950 to \$84,366,104. Net debt expressed as a percentage of fixed assets at cost declined from 14.4 percent at the end of 1964 to 13.9 per cent at the end of 1965.



Total revenues of the municipal electrical utilities at \$279,390,565 were up by 10.0 per cent. The sources were as follows:

		%
Residential.....	104,496,730	37.4
Commercial.....	63,235,258	22.6
Industrial Power.....	95,629,603	34.2
Street Lighting.....	8,852,475	3.2
Other.....	7,176,499	2.6
<hr/>		<hr/>
Total.....	\$279,390,565	100.0

Total expense at \$256,835,943 was 9.4 per cent greater than in 1964. Net income at \$22,554,622 was up by 17.7 per cent and amounted to 8.1 per cent of revenue as compared with 7.5 per cent in 1964.

A margin of net income provides both an economical source of funds for normal expansion and a stabilizing factor in retail rate adjustment. The Commission takes this into consideration when reviewing municipal retail rates.

Under The Power Commission Act the Commission exercises supervisory control over the activities of the municipal electrical utilities, and their rates to ultimate customers are subject to the Commission's approval.

The books of account from which the foregoing financial information is derived are kept by the utilities in accordance with a standard accounting system designed by the Commission for use by all its municipal-utility customers. These records are periodically inspected by the Commission's municipal accountants. From time to time adjustments and improvements in accounting procedure and office routine are recommended as required. By providing this type of assistance and supervision, the Commission seeks to ensure the correct application of rates and standard procedures and the observance of a uniform classification of revenues and expenditures. The work carried out by the Commission's municipal accountants on the utilities' behalf does not, however, constitute an audit of their accounts. The municipalities must make their own arrangements for this audit.

MUNICIPAL ELECTRICAL SERVICE

Statistical Tables

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STATEMENT C—

Rates and Typical Bills for Electrical Service Provided by the 360 Municipal Electrical Utilities and by Commission-owned Distribution Facilities in 28 Towns and Villages.....	202
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STATEMENT D—

Customers, Revenue, and Consumption in Municipalities Served by the 360 Municipal Electrical Utilities and by Commission-owned Distribution Facilities in 28 Towns and Villages.....	224
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MUNICIPAL ELECTRICAL UTILITIES

Year	1956	1957	1958	1959
Number of municipal utilities included	350	351	354	354
A. BALANCE SHEETS				
FIXED ASSETS	\$	\$	\$	\$
Plant and facilities at cost.....	298,832,207	327,925,974	349,706,161	385,419,306
Accumulated depreciation.....	66,539,420	68,075,083	72,673,866	77,551,575
Net fixed assets.....	232,292,787	258,950,891	277,032,295	307,867,731
CURRENT ASSETS				
Cash on hand and in bank.....	9,858,536	10,819,896	10,769,037	10,400,010
Investment in government securities	15,512,896	14,174,408	13,333,906	15,560,183
Accounts receivable (net).....	12,776,466	12,573,922	13,911,267	13,463,791
Total current assets.....	38,147,898	37,568,226	38,014,210	39,423,984
OTHER ASSETS				
Inventory of stores.....	9,681,858	9,579,584	17,237,653	9,381,215
Sinking fund on local debentures...	290,682	561,622	1,033,436	1,726,182
Miscellaneous.....	2,399,184	1,894,582	2,214,392	2,421,279
Total other assets.....	12,371,724	12,035,788	20,485,481	13,528,676
Equity in Ontario Hydro Systems....	183,262,708	202,293,236	218,736,441	238,790,589
Total.....	466,075,117	508,848,141	554,268,427	599,610,980
LIABILITIES				
Debentures outstanding.....	58,528,557	63,315,360	69,363,792	70,456,844
Accounts payable.....	11,633,156	11,226,905	10,105,465	10,589,995
Other.....	3,910,276	4,207,237	6,175,200	6,565,031
Total liabilities.....	74,071,989	78,749,502	85,644,457	87,611,870
RESERVES				
Equity in Ontario Hydro Systems..	183,262,708	200,293,236	218,736,441	238,790,589
Other.....	6,948,236	5,658,849	3,507,375	2,864,918
Total reserves.....	190,210,944	205,952,085	222,243,816	241,655,507
CAPITAL				
Debentures redeemed.....	69,338,990	72,087,556	75,021,200	77,881,620
Local sinking fund.....	290,682	561,622	1,033,436	1,726,182
Accumulated net income invested in plant or held as working funds..	132,983,134	152,057,614	170,871,551	190,444,985
Contributed capital.....				
Frequency standardization expense charged this year.....	820,622	560,238	546,033	290,816
Total capital.....	201,792,184	224,146,554	246,380,154	270,343,603
Total.....	466,075,117	508,848,141	554,268,427	599,610,980
B. OPERATING STATEMENTS				
REVENUE				
Sales of electric energy.....	142,629,092	151,855,664	160,700,759	175,686,813
Other.....	1,554,347	1,580,224	1,723,986	2,400,070
Total revenue.....	144,183,439	153,435,888	162,424,745	178,086,883
EXPENSE				
Power purchased.....	87,344,024	92,682,089	98,563,451	111,160,867
Local generation.....	501,386	575,771	509,240	531,076
Operation and maintenance.....	13,406,955	14,362,587	15,544,060	17,065,080
Administration.....	11,015,893	12,086,583	13,654,386	14,954,828
Fixed charges—interest and principal	4,744,936	5,504,842	6,175,773	6,824,770
—depreciation.....	7,709,546	8,389,004	9,216,594	10,030,350
—other.....	59,374	53,525	13,060	14,316
Total expense.....	124,782,114	133,654,401	143,676,564	160,581,287
Net income or net expense.....	19,401,325	19,781,487	18,748,181	17,505,596
Number of customers.....	1,153,371	1,192,357	1,255,805	1,310,099

CONSOLIDATED FINANCIAL STATEMENTS 1956-65

1960	1961	1962	1963	1964	1965
354	354	355	355	357	360
\$	\$	\$	\$	\$	\$
413,611,989 82,246,973	457,392,623 100,165,249	488,393,074 109,914,757	523,032,765 120,564,846	564,408,772 133,554,046	607,675,682 148,250,022
331,365,016	357,227,374	378,478,317	402,467,919	430,854,726	459,425,660
12,250,801	15,105,454	18,063,961	19,175,569	22,394,390	29,195,624
13,990,120	14,672,152	16,984,376	16,225,459	13,290,755	9,749,732
12,868,807	14,190,953	15,807,380	15,572,525	16,566,500	18,398,616
39,109,728	43,968,559	50,855,717	50,973,553	52,251,645	57,343,972
9,197,511	9,590,459	9,742,156	10,351,372	10,878,773	12,648,044
2,316,958	3,261,509	4,312,070	5,442,451	6,626,453	7,740,863
2,553,588	2,643,494	2,715,626	3,235,378	6,505,335	8,782,008
14,068,057	15,495,462	16,769,852	19,029,201	24,010,561	29,170,915
261,101,650	282,255,861	305,826,987	329,924,857	354,153,351	378,707,011
645,644,451	698,947,256	751,930,873	802,395,530	861,270,283	924,647,558
72,429,684	81,812,075	83,167,367	82,865,177	87,951,607	92,106,967
10,485,382	12,594,844	12,753,744	12,860,334	14,627,872	17,815,810
7,146,524	7,860,946	8,254,687	8,534,095	9,799,228	10,515,302
92,061,590	102,267,865	104,175,798	104,259,606	112,378,707	120,438,079
261,101,650	282,255,861	305,826,987	329,924,857	354,153,351	378,707,011
2,920,005	2,468,637	2,481,991	2,323,811	2,251,343	2,156,022
264,021,655	284,724,498	308,308,978	332,248,668	356,404,694	380,863,033
81,266,027	84,572,157	88,386,510	92,400,155	96,501,461	101,145,958
2,316,958	3,261,509	4,312,070	5,442,451	6,626,453	7,740,863
205,984,657	224,121,227	246,747,517	258,763,652	278,077,894	300,558,283
.....	.....	.....	9,280,998	11,281,074	13,901,342
6,436	.....	.....	.....	.....	.....
289,561,206	311,954,893	339,446,097	365,887,256	392,486,882	423,346,446
645,644,451	698,947,256	751,930,873	802,395,530	861,270,283	924,647,558
186,599,701	201,891,409	216,412,017	230,166,226	247,890,291	272,214,069
2,720,870	3,274,114	4,439,792	5,324,613	6,108,283	7,176,496
189,320,571	205,165,523	220,851,809	235,490,839	253,998,574	279,390,565
122,634,361	130,857,200	139,291,682	152,433,112	167,184,292	184,480,710
536,118	529,955	570,500	572,079	564,536	571,767
18,273,164	19,486,528	20,760,837	21,989,333	23,527,954	21,920,862
15,766,246	17,342,308	18,482,105	19,550,379	20,367,906	21,816,697
7,440,556	8,203,772	8,912,277	9,135,950	9,678,755	10,222,785
10,750,710	11,466,692	11,655,654	12,557,510	13,486,318	17,744,672
22,506	81,734	73,080	76,738	26,460	78,450
175,423,661	187,968,189	199,746,135	216,315,601	234,836,221	256,835,943
13,896,910	17,197,334	21,105,674	19,175,238	19,162,353	22,554,622
1,351,915	1,423,427	1,460,553	1,497,857	1,552,238	1,595,343

Municipal Electrical Utilities Financial

Municipality.....	Acton	Ailsa Craig	Ajax	Alexandria	Alfred	Alliston
Population.....	4,286	529	8,958	2,657	1,038	3,228
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	480,955	53,244	1,153,673	333,758	93,674	291,773
Accumulated depreciation.....	99,864	6,063	342,290	107,965	29,980	86,649
Net fixed assets.....	381,091	47,181	811,383	225,793	63,694	205,124
CURRENT ASSETS						
Cash on hand and in bank.....	100,633	16,130	40,759	10,577	13,233	21,478
Investment in government securities	3,000	.....	850	13,000	.....	23,000
Accounts receivable (net).....	6,410	149	71,515	3,413	3,540	6,168
Total current assets.....	110,043	16,279	113,124	26,990	16,773	50,646
OTHER ASSETS						
Inventory of stores.....	940	.....	30,484	14,952	.....	6,365
Sinking fund on local debentures...	.....	.....	.....	.....	.....	.....
Miscellaneous.....	1,055	270	4,904	.....	519	475
Total other assets.....	1,995	270	35,388	14,952	519	6,840
Equity in Ontario Hydro Systems.....	519,310	58,511	237,282	211,542	20,496	211,717
Total.....	1,012,439	122,241	1,197,177	479,277	101,482	474,327
LIABILITIES						
Debentures outstanding.....	46,900	.....	320,000	.....	22,500	.....
Accounts payable.....	2,194	.....	21,300	2,012	101	8
Other.....	11,130	1,798	68,398	14,013	2,298	7,132
Total liabilities.....	60,224	1,798	409,698	16,025	24,899	7,140
RESERVES						
Equity in Ontario Hydro Systems...	519,310	58,511	237,282	211,542	20,496	211,717
Other.....	.....	.....	.....	.....	.....	.....
Total reserves.....	519,310	58,511	237,282	211,542	20,496	211,717
CAPITAL						
Debentures redeemed.....	37,039	6,883	127,486	53,078	15,500	29,989
Local sinking fund.....	.....	.....	.....	.....	.....	.....
Accumulated net income invested in plant or held as working funds...	379,602	55,049	352,944	198,632	39,687	225,481
Contributed capital.....	16,264	.....	69,767	.....	900	.....
Total capital.....	432,905	61,932	550,197	251,710	56,087	255,470
Total.....	1,012,439	122,241	1,197,177	479,277	101,482	474,327
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy.....	304,184	25,245	470,857	165,624	45,536	201,540
Other.....	7,517	196	16,210	6,943	338	6,066
Total revenue.....	311,701	25,441	487,067	172,567	45,874	207,606
EXPENSE						
Power purchased.....	227,928	16,733	331,591	118,079	30,851	138,907
Local generation.....	.....	.....	.....	.....	.....	.....
Operation and maintenance.....	24,875	1,548	29,418	9,612	2,238	17,249
Administration.....	15,036	1,429	55,953	13,103	3,638	18,278
Fixed charges—interest and principal	6,065	.....	36,255	.....	3,459	.....
—depreciation.....	12,395	1,393	37,049	10,098	3,022	7,704
—other.....	.....	.....	.....	.....	.....	.....
Total expense.....	286,299	21,103	490,266	150,892	43,208	182,138
Net income or net expense.....	25,402	4,338	3,199	21,675	2,666	25,468
Number of customers.....	1,343	233	2,464	975	313	1,177

Statements for the Year Ended December 31, 1965

Almonte	Alvinston	Amherst- burg	Ancaster Twp.	Apple Hill	Arkona	Arnprior	Arthur	Athens
3,487	661	4,533	14,572	400	459	5,432	1,278	992
\$ 527,230 118,135	\$ 77,320 26,438	\$ 522,227 133,551	\$ 317,070 80,097	\$ 28,056 9,164	\$ 52,317 16,623	\$ 566,503 115,935	\$ 140,575 35,738	\$ 77,135 18,323
409,095	50,882	388,676	236,973	18,892	35,694	450,568	104,837	58,812
3,729	7,836	27,029	49,943	7,196	14,248	72,321	7,219	1,721
33,000	3,500	27,947	.....	.....	7,000	.....	10,000	10,000
5,285	677	4,841	12,605	496	1,822	4,718	272	1,836
42,014	12,013	59,817	62,548	7,692	23,070	77,039	17,491	13,557
10,096	.....	11,439	294	.....	.....	3,156	403	.....
.....	75	82	282	300	90	4,780	424	10
10,096	75	11,521	576	300	90	7,936	832	10
105,204	64,976	416,967	190,724	17,008	44,391	340,598	101,829	50,027
566,409	127,946	876,981	490,821	43,892	103,245	876,141	224,989	122,406
.....	.....	2,800	43,991	.....	.....	41,108	11,000	.....
20,973	462	585	5,239	210	688	5,879	8	386
2,194	124	4,399	2,957	37	50	10,929	738	521
23,167	586	7,784	52,187	247	738	57,916	11,746	907
105,204	64,976	416,967	190,724	17,008	44,391	340,598	101,829	50,027
.....	.....	.....	.....	.....	.....	942	.....	.....
105,204	64,976	416,967	190,724	17,008	44,391	341,540	101,829	50,027
72,000	23,529	65,519	84,255	5,080	13,113	104,137	24,913	12,988
.....
365,038	37,694	386,711	163,655	21,557	45,003	362,924	86,501	57,870
1,000	1,161	.....	.....	.....	.....	9,624	.....	614
438,038	62,384	452,230	247,910	26,637	58,116	476,685	111,414	71,472
566,409	127,946	876,981	490,821	43,892	103,245	876,141	224,989	122,406
156,533	22,080	248,415	170,627	8,055	20,877	273,282	55,692	29,987
2,442	307	3,753	3,057	171	402	8,690	1,106	522
158,975	22,387	252,168	173,684	8,226	21,279	281,972	56,798	30,509
95,584	9,398	175,764	111,417	4,658	10,746	205,057	36,732	23,598
11,438	.....	.....	.....	.....	.....	.....	.....	.....
10,684	2,228	17,532	11,405	983	1,702	14,246	5,891	1,304
14,752	3,755	27,526	13,115	1,252	1,215	20,698	4,201	1,959
.....	.....	1,526	9,057	.....	.....	5,458	1,084	.....
12,284	2,543	12,719	8,977	923	1,651	19,435	4,049	2,217
.....
144,742	17,924	235,067	153,971	7,816	15,314	264,894	51,957	29,078
14,233	4,463	17,101	19,713	410	5,965	17,078	4,841	1,431
1,160	338	1,454	1,141	115	198	1,842	518	368

Municipal Electrical Utilities Financial

Municipality	Atikokan Twp,	Aurora	Avonmore	Aylmer	Ayr	Baden
Population	6,310	10,046	229	4,610	1,092	943
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost	595,168	808,469	29,347	453,322	99,881	94,999
Accumulated depreciation	173,118	206,534	10,053	159,575	20,056	24,157
Net fixed assets	422,050	601,935	19,294	293,747	79,825	70,842
CURRENT ASSETS						
Cash on hand and in bank	90,404	223,828	2,577	60,790		11,233
Investment in government securities	25,000				9,500	5,000
Accounts receivable (net)	21,824	7,668	1,145	4,479	424	280
Total current assets	137,228	231,496	3,722	65,269	9,924	16,513
OTHER ASSETS						
Inventory of stores	296	663		110	28	160
Sinking fund on local debentures						
Miscellaneous	30,105	5,339	527	517	3,683	
Total other assets	30,401	6,002	527	627	3,711	160
Equity in Ontario Hydro Systems	172,643	329,690	8,561	401,337	91,952	137,968
Total	762,322	1,169,123	32,104	760,980	185,412	225,483
LIABILITIES						
Debentures outstanding	267,000	194,000	11,000	25,500		
Accounts payable	17,092	4,164	1	409	3,116	95
Other	38,622	17,290	368	3,428	793	260
Total liabilities	322,714	215,454	11,369	29,337	3,909	355
RESERVES						
Equity in Ontario Hydro Systems	172,643	329,690	8,561	401,337	91,952	137,968
Other						
Total reserves	172,643	329,690	8,561	401,337	91,952	137,968
CAPITAL						
Debentures redeemed	133,000	29,710	3,000	63,202	17,503	5,000
Local sinking fund						
Accumulated net income invested in plant or held as working funds	129,080	575,478	9,174	261,792	71,847	82,160
Contributed capital	4,885	18,791		5,312	201	
Total capital	266,965	623,979	12,174	330,306	89,551	87,160
Total	762,322	1,169,123	32,104	760,980	185,412	225,483
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy	263,675	428,840	13,382	272,031	53,900	49,031
Other	16,133	27,996	111	1,705	997	274
Total revenue	279,808	456,836	13,493	273,736	54,897	49,305
EXPENSE						
Power purchased	158,043	303,746	7,979	203,421	38,907	36,569
Local generation						
Operation and maintenance	26,484	30,680	560	18,815	6,183	3,171
Administration	39,621	31,055	1,128	13,258	4,224	4,640
Fixed charges—interest and principal	34,868	19,713	1,123	5,167		
—depreciation	22,898	25,113	956	13,116	2,962	3,139
—other						
Total expense	281,914	410,307	11,746	253,777	52,276	47,519
Net income or net expense	2,106	46,529	1,747	19,959	2,621	1,786
Number of customers	1,731	2,879	113	1,561	408	295

Statements for the Year Ended December 31, 1965

Bancroft	Barrie	Barry's Bay	Bath	Beachburg	Beachville	Beamsville	Beaverton	Beeton
2,103	24,010	1,420	750	551	944	3,685	1,157	951
\$ 388,023 107,936	\$ 2,675,652 796,534	\$ 109,619 18,041	\$ 81,669 20,075	\$ 71,733 23,370	\$ 123,157 46,251	\$ 289,918 88,263	\$ 174,190 39,528	\$ 80,863 17,650
280,087	1,879,118	91,578	61,594	48,363	76,906	201,655	134,662	63,213
31,249	18,089	3,667	20,237	9,650	56,154	15,378	7,435	8,995
12,522	43,690	4,146	595	231	35,000	10,000	16,000	881
43,771	61,779	7,813	20,832	9,881	92,536	16,131	17,964	25,876
600	38,684				387		150	59
1,523	7,712	600	300	1,816				295
2,123	46,396	600	300	1,816	387		150	354
71,347	1,466,957	24,554	28,278	16,975	253,400	143,287	123,310	77,035
397,328	3,454,250	124,545	111,004	77,035	423,229	361,073	276,086	166,478
43,625	160,000		5,500	44,050				
16	7,293	7,718	481	166	108	15,313	1,518	421
2,643	25,886	170	737	50	711	2,065	945	957
46,284	193,179	7,888	6,718	44,266	819	17,378	2,463	1,378
71,347	1,466,957	24,554	28,278	16,975	253,400	143,287	123,310	77,035
71,347	1,466,957	24,554	28,278	16,975	253,400	143,287	123,310	77,035
88,875	65,366	7,500	12,000	7,950	5,537	37,500	12,839	13,610
185,593	1,728,748	84,326	55,819	7,844	161,863	162,908	137,474	74,455
5,229		277	8,189		1,610			
279,697	1,794,114	92,103	76,008	15,794	169,010	200,408	150,313	88,065
397,328	3,454,250	124,545	111,004	77,035	423,229	361,073	276,086	166,478
102,218	1,227,387	32,165	28,451	24,967	119,067	138,696	91,205	31,805
5,391	33,141	343	109	254	4,295	4,347	1,911	1,015
107,609	1,260,528	32,508	28,560	25,221	123,362	143,043	93,116	32,820
59,634	855,312	24,008	16,882	15,784	107,942	79,814	66,537	23,879
4,735								
7,593	103,925	1,919	1,749	1,681	2,555	4,779	5,699	1,457
12,350	94,807	3,638	2,248	1,618	2,973	13,213	5,643	2,159
9,253	9,454		830	4,551				
12,195	87,649	2,910	2,498	2,279	4,436	11,449	4,636	2,660
105,760	1,151,147	32,475	24,207	25,913	117,906	109,255	82,515	30,155
1,849	109,381	33	4,353	692	5,456	33,788	10,601	2,665
769	8,137	446	262	229	314	1,249	628	334

Municipal Electrical Utilities Financial

Municipality.....	Belle River 2,100	Belleville 32,857	Belmont 695	Blenheim 3,326	Bloomfield 722	Blyth 752
Population.....						
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	157,970	3,360,634	77,149	390,516	65,995	83,859
Accumulated depreciation.....	31,642	796,743	19,752	92,248	26,311	24,032
Net fixed assets.....	126,328	2,563,891	57,397	298,268	39,684	59,827
CURRENT ASSETS						
Cash on hand and in bank.....	1,911	147,594	13,855	17,112	6,410	6,483
Investment in government securities	7,000				6,993	9,392
Accounts receivable (net).....	1,429	290,793	6,225	2,626	376	266
Total current assets.....	10,340	438,387	20,080	19,738	13,779	16,141
OTHER ASSETS						
Inventory of stores.....	463	40,914		1,742	300	29
Sinking fund on local debentures...						
Miscellaneous.....		15,444	5,890	9,397		
Total other assets.....	463	56,358	5,890	11,139	300	29
Equity in Ontario Hydro Systems....	87,994	1,960,656	18,045	215,394	52,474	80,453
Total.....	225,125	5,019,292	101,412	544,539	106,237	156,450
LIABILITIES						
Debentures outstanding.....		806,000	52,000	22,861		
Accounts payable.....	1,681	24,697	383	27		105
Other.....	1,012	73,386	1,647	6,922	576	185
Total liabilities.....	2,693	904,083	54,030	29,810	576	290
RESERVES						
Equity in Ontario Hydro Systems....	87,994	1,960,656	18,045	215,394	52,474	80,453
Other.....						
Total reserves.....	87,994	1,960,656	18,045	215,394	52,474	80,453
CAPITAL						
Debentures redeemed.....	19,555	223,997	3,000	75,599	9,796	16,033
Local sinking fund.....						
Accumulated net income invested in plant or held as working funds..	114,883	1,917,260	24,516	223,736	43,391	59,674
Contributed capital.....		13,296	1,821			
Total capital.....	134,438	2,154,553	29,337	299,335	53,187	75,707
Total.....	225,125	5,019,292	101,412	544,539	106,237	156,450
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy.....	72,606	1,536,716	72,116	138,495	26,250	46,967
Other.....	1,494	49,895	1,907	3,230	470	1,007
Total revenue.....	74,100	1,586,611	74,023	141,725	26,720	47,974
EXPENSE						
Power purchased.....	42,763	1,003,047	50,503	72,752	19,105	35,491
Local generation.....						
Operation and maintenance.....	8,042	117,041	3,349	15,959	2,113	5,162
Administration.....	8,382	129,192	3,489	19,155	2,824	2,483
Fixed charges—interest and principal		47,801	4,551	5,959		
—depreciation.....	4,300	98,719	3,179	10,870	2,163	2,858
—other.....						
Total expense.....	63,487	1,395,800	65,071	124,695	26,205	45,994
Net income or net expense.....	10,613	190,811	8,952	17,030	515	1,980
Number of customers.....	773	10,995	234	1,250	306	341

Statements for the Year Ended December 31, 1965

Bobcaygeon	Bolton	Bothwell	Bowman- ville	Brace- bridge	Bradford	Braeside	Brampton	Brantford
1,251	2,084	837	8,100	3,036	2,345	523	33,713	57,338
\$ 258,686 81,335	\$ 219,330 53,635	\$ 92,199 31,546	\$ 895,098 337,241	\$ 953,046 259,113	\$ 362,060 90,371	\$ 45,204 6,705	\$ 4,659,388 681,713	\$ 6,342,713 1,669,134
177,351	165,695	60,653	557,857	693,933	271,689	38,499	3,977,675	4,673,579
12,964	7,009	6,904	38,704	25,739	4,232	14,838	400	85,863
.....	.....	.....	69,413	.....	2,000	10,000	.....	32,000
1,429	5,919	1,918	8,612	10,450	7,537	7,086	120,320	152,607
14,393	12,928	8,822	116,729	36,189	13,769	31,924	120,720	270,470
2,801	543	253	14,718	6,605	8,217	.....	217,616	102,433
.....
3,890	1,954	127	296	10,960	692	.....	35,197	2,628
6,691	2,497	380	15,014	17,565	8,909	.....	252,813	105,061
51,725	108,984	69,186	687,621	7,254	165,842	59,342	1,245,632	5,908,762
250,160	290,104	139,041	1,377,221	754,941	460,209	129,765	5,596,840	10,957,872
75,000	51,968	.....	.....	154,673	.....	.....	2,176,528	318,678
645	2,694	597	8,243	483	13	247	336,247	91,734
8,253	4,212	48	5,631	30	3,064	200	106,177	94,948
83,898	58,874	645	13,874	155,186	3,077	447	2,618,952	505,360
51,725	108,984	69,186	687,621	7,254	165,842	59,342	1,245,632	5,908,762
.....
51,725	108,984	69,186	687,621	7,254	165,842	59,342	1,245,632	5,908,762
14,000	29,771	5,534	71,000	351,127	23,351	6,000	327,146	1,126,005
.....
97,413	88,278	63,526	604,006	241,374	267,291	63,976	1,367,116	3,314,743
3,124	4,197	150	720	.....	648	.....	37,994	103,002
114,537	122,246	69,210	675,726	592,501	291,290	69,976	1,732,256	4,543,750
250,160	290,104	139,041	1,377,221	754,941	460,209	129,765	5,596,840	10,957,872
81,208	104,521	33,459	449,028	169,952	130,795	71,113	1,813,788	2,796,138
1,349	4,157	1,085	17,663	4,663	2,854	1,576	14,773	49,101
82,557	108,678	34,544	466,691	174,615	133,649	72,689	1,828,561	2,845,239
45,617	66,332	18,986	352,794	25,104	86,026	64,294	1,140,536	2,085,320
.....	.....	.....	.....	41,986	.....	.....	.....	.....
8,572	8,299	2,236	26,804	26,678	12,358	1,011	104,546	203,312
9,354	13,587	4,878	27,696	16,708	15,510	1,593	123,767	161,333
8,378	5,961	.....	.....	29,740	.....	.....	190,715	55,435
8,708	8,185	3,090	34,808	24,919	10,868	1,436	139,413	174,842
.....
80,629	102,364	29,190	442,102	165,135	124,762	68,334	1,698,977	2,680,242
1,928	6,314	5,354	24,589	9,480	8,887	4,355	129,584	164,997
753	701	343	2,733	1,224	880	160	8,658	18,651

Municipal Electrical Utilities Financial

Municipality.....	Brantford Twp. 8,684	Brechin 273	Bridgeport 1,993	Brigden 516	Brighton 2,705	Brockville 19,053
Population.....						
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	1,371,420	23,672	127,377	54,389	281,589	2,486,234
Accumulated depreciation.....	394,719	5,798	33,727	15,865	51,327	542,283
Net fixed assets.....	976,701	17,874	93,650	38,524	230,262	1,943,951
CURRENT ASSETS						
Cash on hand and in bank.....	123,078	1,302	10,761	11,157	4,625	11,901
Investment in government securities.....		9,500		5,375		12,000
Accounts receivable (net).....	9,934	1,084	1,045	338	2,153	38,232
Total current assets.....	133,012	11,886	11,806	16,870	6,778	62,133
OTHER ASSETS						
Inventory of stores.....	33,812		272		8,281	46,398
Sinking fund on local debentures.....						
Miscellaneous.....		100	102		3,414	7,884
Total other assets.....	33,812	100	374		11,695	54,282
Equity in Ontario Hydro Systems.....	389,295	23,928	77,717	49,841	142,155	1,529,254
Total.....	1,532,820	53,788	183,547	105,235	390,890	3,589,620
LIABILITIES						
Debentures outstanding.....	364,282		19,845		32,500	523,000
Accounts payable.....	6,411	2	2,070	3	2,314	24,811
Other.....	26,136	275	3,375	212	3,440	35,950
Total liabilities.....	396,829	277	25,290	215	38,254	583,761
RESERVES						
Equity in Ontario Hydro Systems..	389,295	23,928	77,717	49,841	142,155	1,529,254
Other.....						
Total reserves.....	389,295	23,928	77,717	49,841	142,155	1,529,254
CAPITAL						
Debentures redeemed.....	191,075	2,664	19,804	8,000	32,500	307,570
Local sinking fund.....						
Accumulated net income invested in plant or held as working funds..	533,141	26,919	60,736	47,179	166,167	1,166,262
Contributed capital.....	22,480				11,814	2,773
Total capital.....	746,696	29,583	80,540	55,179	210,481	1,476,605
Total.....	1,532,820	53,788	183,547	105,235	390,890	3,589,620
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy.....	558,813	8,273	80,842	17,705	113,620	1,054,976
Other.....	7,176	388	361	431	1,748	40,271
Total revenue.....	565,989	8,661	81,203	18,136	115,368	1,095,247
EXPENSE						
Power purchased.....	331,559	5,971	53,606	10,649	71,729	675,498
Local generation.....						
Operation and maintenance.....	46,605	1,037	3,884	836	7,882	77,274
Administration.....	32,705	876	8,341	2,090	11,798	102,966
Fixed charges—interest and principal	42,597		2,603		3,540	67,110
—depreciation.....	41,905	691	3,720	1,681	7,600	77,062
—other.....						
Total expense.....	495,371	8,575	72,154	15,256	102,549	999,910
Net income or net expense.....	70,618	86	9,049	2,880	12,819	95,337
Number of customers.....	2,593	100	561	216	1,086	6,498

Statements for the Year Ended December 31, 1965

Brussels	Burford	Burgess- ville	Burk's Falls	Burlington	Cache Bay	Caledonia	Campbell- ford	Campbell- ville
859	1,029	262	1,070	58,385	700	2,644	3,496	252
\$	\$	\$	\$	\$	\$	\$	\$	\$
97,851	117,760	33,145	94,902	6,207,673	59,445	211,001	774,522	23,572
11,489	37,273	9,884	21,658	1,203,343	19,383	57,512	208,825	5,626
86,362	80,487	23,261	73,244	5,004,330	40,062	153,489	565,697	17,946
5,800	6,496	4,862	10,947	59,605	17,732	11,231	125,675	1,425
.....	3,500	1,500	4,900	37,500	12,000	.....	.....	2,440
1,393	663	208	2,310	92,739	2,571	4,830	4,471	789
7,193	10,659	6,570	18,157	189,844	32,303	16,061	130,146	4,654
173	71	.....	.....	89,818	758	1,270	12,677	.....
50	.....	23	150	77,768	92	.....	2,431	773
223	71	23	150	167,586	850	1,270	15,108	773
91,428	92,688	28,395	37,466	1,465,017	10,881	136,172	22,564	20,848
185,206	183,905	58,249	129,017	6,826,777	84,096	306,992	733,515	44,221
3,000	7,623	.....	.....	1,661,100	.....	.....	130,100	.....
415	898	5	958	5,458	323	239	2,645	480
1,187	1,491	300	183	241,920	45	2,193	9,848	.....
4,602	10,012	305	1,141	1,908,478	368	2,432	142,593	480
91,428	92,688	28,395	37,466	1,465,017	10,881	136,172	22,564	20,848
91,428	92,688	28,395	37,466	1,465,017	10,881	136,172	22,564	20,848
25,000	13,231	3,500	29,147	663,028	25,359	15,525	22,400	5,448
64,176	67,974	26,049	61,263	2,706,702	47,488	152,863	545,958	17,445
.....	.....	.....	.....	83,552	.....	.....	.....	.....
89,176	81,205	29,549	90,410	3,453,282	72,847	168,388	568,358	22,893
185,206	183,905	58,249	129,017	6,826,777	84,096	306,992	733,515	44,221
46,109	51,959	12,878	49,065	2,930,852	15,401	88,739	131,808	10,272
357	2,619	351	621	72,958	1,086	987	11,100	320
46,466	54,578	13,229	49,686	3,003,810	16,487	89,726	142,908	10,592
30,741	36,339	8,514	35,943	1,902,907	10,093	52,982	39,629	7,378
1,162	5,100	767	3,964	180,465	1,625	8,218	16,414	15,081
2,699	4,270	920	4,423	184,329	3,107	10,370	31,877	797
1,393	1,215	.....	.....	197,050	.....	283	13,234	787
2,786	4,637	1,168	2,587	177,811	1,962	6,616	17,355	821
38,781	51,561	11,369	46,917	2,642,562	16,787	78,469	133,590	9,783
7,685	3,017	1,860	2,769	361,248	300	11,257	9,318	809
378	442	100	379	16,857	180	913	1,380	90

Municipal Electrical Utilities Financial

Municipality.....	Cannington	Capreol	Cardinal	Carleton Place	Casselman	Cayuga
Population.....	1,060	3,048	1,962	4,925	1,291	1,008
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	105,734	303,633	98,769	406,072	108,517	114,972
Accumulated depreciation.....	25,784	58,148	23,456	91,849	23,956	31,783
Net fixed assets.....	79,950	245,485	75,313	314,223	84,561	83,189
CURRENT ASSETS						
Cash on hand and in bank.....	11,203	16,722	2,187	1,744	19,272	3,674
Investment in government securities	11,000	.....	1,500	15,100	14,000	6,000
Accounts receivable (net).....	157	377	527	6,094	2,177	615
Total current assets.....	22,360	17,099	4,214	22,938	35,449	10,289
OTHER ASSETS						
Inventory of stores.....	.....	.....	.....	7,388	.....	560
Sinking fund on local debentures...	.....	.....	.....	.....	.....	.....
Miscellaneous.....	250	5,820	212	248	5,223	.....
Total other assets.....	250	5,820	212	7,636	5,223	560
Equity in Ontario Hydro Systems...	83,950	41,097	92,447	519,382	36,797	65,635
Total.....	186,510	309,501	172,186	864,179	162,030	159,673
LIABILITIES.....						
Debentures outstanding.....	.....	65,200	.....	42,600	31,500	.....
Accounts payable.....	1,023	2,137	3,765	6,595	1,216	242
Other.....	670	7,238	330	5,249	1,241	897
Total liabilities.....	1,693	74,575	4,095	54,444	33,957	1,139
RESERVES						
Equity in Ontario Hydro Systems..	83,950	41,097	92,447	519,382	36,797	65,635
Other.....	.....	.....	.....	.....	.....	.....
Total reserves.....	83,950	41,097	92,447	519,382	36,797	65,635
CAPITAL						
Debentures redeemed.....	14,532	56,800	11,014	65,697	38,500	20,000
Local sinking fund.....	.....	.....	.....	.....	.....	.....
Accumulated net income invested in plant or held as working funds..	86,335	136,413	64,630	213,022	52,376	72,899
Contributed capital.....	.....	616	.....	11,634	400	.....
Total capital.....	100,867	193,829	75,644	290,353	91,276	92,899
Total.....	186,510	309,501	172,186	864,179	162,030	159,673
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy.....	42,953	134,928	51,622	222,108	55,770	45,473
Other.....	1,045	764	440	1,729	1,259	639
Total revenue.....	43,998	135,692	52,062	223,837	57,029	46,112
EXPENSE						
Power purchased.....	31,132	93,370	41,215	146,151	39,388	26,029
Local generation.....	.....	.....	.....	.....	.....	.....
Operation and maintenance.....	2,972	10,442	4,467	21,084	1,564	5,362
Administration.....	3,170	15,739	5,546	27,006	5,161	5,611
Fixed charges—interest and principal	.....	8,832	.....	6,264	6,936	.....
—depreciation.....	2,956	7,610	2,819	10,377	2,999	3,559
—other.....	.....	.....	.....	.....	.....	.....
Total expense.....	40,230	135,993	54,047	210,882	56,048	40,561
Net income or net expense.....	3,768	301	1,985	12,955	981	5,551
Number of customers.....	454	1,009	674	1,789	401	405

Statements for the Year Ended December 31, 1965

Chalk River 1,093	Chapleau Twp. 3,772	Chatham 30,875	Chatsworth 381	Chesley 1,709	Chesterville 1,310	Chippawa 3,749	Clifford 537	Clinton 3,185
\$ 82,020 24,179	\$ 203,209 10,751	\$ 3,842,683 1,052,717	\$ 37,607 12,001	\$ 126,354 52,129	\$ 118,258 28,727	\$ 299,838 63,774	\$ 54,720 16,695	\$ 405,112 109,339
57,841	192,458	2,789,966	25,606	74,225	89,531	236,064	38,025	295,773
3,714	44,596	21,111	16,164	10,329	9,530	14,483	16,850	24,730
.....	.....	240,000	6,000	43,890	6,000	.....	3,000	.....
302	2,490	242,977	337	4,846	8,900	2,922	171	14,075
4,016	47,086	504,088	22,501	59,065	24,430	17,405	20,021	38,805
.....	1,907	132,578	.....	684	.....	1,480	.....	7,591
.....
3,234	16,225	46,629	.....	3,842	800	556	.....	203
3,234	18,132	179,207	.....	4,526	800	2,036	.....	7,794
24,121	.....	2,460,499	34,118	197,264	154,323	123,770	52,155	285,313
89,212	257,676	5,933,760	82,225	335,080	269,084	379,275	110,201	627,685
37,500	71,000	382,476	.....	.....	.....	49,200	4,191	33,200
899	43,742	4,177	122	39	1,345	4,938	296	374
470	6,444	42,301	1,660	450	421	5,045	331	10,049
38,869	121,186	428,954	1,782	489	1,766	59,183	4,818	43,623
24,121	.....	2,460,499	34,118	197,264	154,323	123,770	52,155	285,313
.....
24,121	.....	2,460,499	34,118	197,264	154,323	123,770	52,155	285,313
17,500	44,000	1,137,523	5,014	24,410	5,889	29,150	10,738	88,473
.....
8,722	91,211	1,906,784	41,311	112,917	107,106	154,619	42,490	204,128
.....	1,279	.....	.....	.....	.....	12,553	.....	6,148
26,222	136,490	3,044,307	46,325	137,327	112,995	196,322	53,228	298,749
89,212	257,676	5,933,760	82,225	335,080	269,084	379,275	110,201	627,685
33,981	187,668	2,040,389	17,503	77,166	84,441	112,768	25,288	165,990
350	2,970	39,469	447	2,898	646	1,076	1,215	6,153
34,331	190,638	2,079,858	17,950	80,064	85,087	113,844	26,503	172,143
22,531	122,070	1,054,361	11,253	53,127	67,278	67,771	19,292	106,288
.....
2,073	24,250	364,707	1,927	7,051	3,696	12,040	1,285	15,307
2,043	19,970	241,001	1,385	8,675	5,736	8,602	1,476	14,079
4,700	9,457	80,486	.....	.....	.....	6,907	568	6,596
2,471	4,949	94,739	1,134	4,672	3,457	7,811	1,907	12,688
.....
33,818	180,696	1,835,294	15,699	73,525	80,167	103,131	24,528	154,958
513	9,942	244,564	2,251	6,539	4,920	10,713	1,975	17,185
287	1,068	10,279	186	738	466	1,154	233	1,260

Municipal Electrical Utilities Financial

Municipality.....	Cobden	Cobourg	Cochrane	Colborne	Coldwater	Collingwood
Population.....	900	10,166	4,566	1,412	780	8,424
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	81,824	1,279,509	546,383	143,514	61,623	829,457
Accumulated depreciation.....	19,675	379,635	110,493	21,993	14,965	186,855
Net fixed assets.....	62,149	899,874	435,890	121,521	46,658	642,602
CURRENT ASSETS						
Cash on hand and in bank.....	8,698	61,630	11,663		4,268	3,374
Investment in government securities	6,000	10,000	24,486		22,500	30,000
Accounts receivable (net).....	821	27,044	15,627	8,677	1,581	7,378
Total current assets.....	15,519	98,674	51,776	8,677	28,349	40,752
OTHER ASSETS						
Inventory of stores.....		21,022	21,902	16,759		18,910
Sinking fund on local debentures...						
Miscellaneous.....	179	3,883	12,254	91	2,580	1,399
Total other assets.....	179	24,905	34,156	16,850	2,580	20,309
Equity in Ontario Hydro Systems....	48,293	805,191	51,938	81,420	71,703	773,390
Total.....	126,140	1,828,644	573,760	228,468	149,290	1,477,053
LIABILITIES						
Debentures outstanding.....			56,750			
Accounts payable.....	387	24,803	4,607	3,117		7,134
Other.....	473	15,194	18,691	1,984	350	8,976
Total liabilities.....	860	39,997	80,048	5,101	350	16,110
RESERVES						
Equity in Ontario Hydro Systems....	48,293	805,191	51,938	81,420	71,703	773,390
Other.....						
Total reserves.....	48,293	805,191	51,938	81,420	71,703	773,390
CAPITAL						
Debentures redeemed.....	4,949	105,994	88,250	12,195	6,868	38,183
Local sinking fund.....						
Accumulated net income invested in plant or held as working funds....	72,038	877,462	353,524	129,152	70,369	649,370
Contributed capital.....				600		
Total capital.....	76,987	983,456	441,774	141,947	77,237	687,553
Total.....	126,140	1,828,644	573,760	228,468	149,290	1,477,053
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy.....	37,234	613,346	222,906	75,276	30,945	393,016
Other.....	219	18,195	6,531	2,390	1,210	6,681
Total revenue.....	37,453	631,541	229,437	77,666	32,155	399,697
EXPENSE						
Power purchased.....	28,032	475,520	115,580	47,594	24,924	280,618
Local generation.....						
Operation and maintenance.....	1,704	33,680	27,256	5,085	3,701	40,306
Administration.....	3,057	52,161	30,931	9,161	3,039	33,953
Fixed charges—interest and principal			10,359			
—depreciation.....	2,339	43,574	14,367	3,096	1,807	21,596
—other.....						
Total expense.....	35,132	604,935	198,493	64,936	33,471	376,473
Net income or net expense.....	2,321	26,606	30,944	12,730	1,316	23,224
Number of customers.....	404	3,865	1,416	606	308	3,254

Statements for the Year Ended December 31, 1965

Comber	Coniston	Cookstown	Cottam	Courtright	Creemore	Dashwood	Deep River	Delaware
605	2,608	689	680	573	878	423	5,620	429
\$ 71,540 22,945	\$ 151,430 21,812	\$ 57,153 16,973	\$ 58,628 22,294	\$ 41,937 8,996	\$ 75,389 12,929	\$ 38,214 7,166	\$ 712,521 192,443	\$ 36,019 12,280
48,595	129,618	40,180	36,334	32,941	62,460	31,048	520,078	23,739
17,510	7,155	13,647	13,362	3,887	17,082	17,124	11,404	11,214
567	1,695	871	1,055	186	1,069	288	11,506	134
18,077	8,850	20,546	17,417	4,073	23,151	17,412	92,694	11,348
333	12,697	42	1,174	25	174	13,895	9,886	
333	12,697	42	1,174	199		23,781		
69,548	19,089	40,894	34,338	30,503	65,032	46,622	112,815	27,305
136,553	170,254	101,662	89,263	67,716	150,643	95,082	749,368	62,392
407	33,000						176,721	
10	1,075	105	292	276			3,285	7
554	9,577	840	606	288	598		11,721	175
971	43,652	945	898	564	598		191,727	182
69,548	19,089	40,894	34,338	30,503	65,032	46,622	112,815	27,305
69,548	19,089	40,894	34,338	30,503	65,032	46,622	112,815	27,305
12,294	17,000	12,001	13,893	8,138	2,824	3,400	54,279	4,000
53,740	90,513	47,822	40,134	25,228	82,189	45,060	127,335	30,547
66,034	107,513	59,823	54,027	36,649	85,013	48,460	263,212	358
136,553	170,254	101,662	89,263	67,716	150,643	95,082	444,826	34,905
136,553	170,254	101,662	89,263	67,716	150,643	95,082	749,368	62,392
26,168	75,737	23,279	22,177	19,001	32,952	26,429	247,168	17,720
584	665	559	546	56	404	9,251	1,029	
26,752	76,402	23,838	22,723	19,057	33,356	26,429	256,419	18,749
13,785	48,841	18,861	13,290	9,355	22,969	16,079	160,542	11,633
2,368	4,121	1,011	2,258	1,345	2,265	769	19,179	1,232
4,089	8,206	1,281	2,737	1,764	2,594	1,705	22,453	1,132
419	4,147						18,256	
2,275	3,563	1,791	2,075	1,169	1,997	1,066	19,361	1,569
22,936	68,878	22,944	20,360	13,633	29,825	19,619	239,791	15,566
3,816	7,524	894	2,363	5,424	3,531	6,810	16,628	3,183
236	689	261	257	220	357	189	1,545	151

Municipal Electrical Utilities Financial

Municipality.....	Delhi	Deseronto	Dorchester	Drayton	Dresden	Drumbo
Population.....	3,574	1,913	996	648	2,347	423
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	472,194	156,510	78,259	77,001	267,741	34,902
Accumulated depreciation.....	114,848	56,013	23,553	13,191	65,957	15,143
Net fixed assets.....	357,346	100,497	54,706	63,810	201,784	19,759
CURRENT ASSETS						
Cash on hand and in bank.....	42,999	1,651	6,414	7,237	41,252	1,561
Investment in government securities.....		4,000	1,500	6,000	1,000	5,500
Accounts receivable (net).....	2,024	6,796	1,461	241	3,904	777
Total current assets.....	45,023	12,447	9,375	13,478	46,156	7,838
OTHER ASSETS						
Inventory of stores.....	17,221	8,958		211	7,539	
Sinking fund on local debentures.....						
Miscellaneous.....	136		255	2,496		
Total other assets.....	17,357	8,958	255	2,707	7,539	
Equity in Ontario Hydro Systems.....	190,961	99,713	48,798	65,198	192,411	38,393
Total.....	610,687	221,615	113,134	145,193	447,890	65,990
LIABILITIES						
Debentures outstanding.....			1,556		6,157	
Accounts payable.....	1,358	384	130	243	14,233	76
Other.....	4,898	1,140	637	605	2,479	148
Total liabilities.....	6,256	1,524	2,323	848	22,869	224
RESERVES						
Equity in Ontario Hydro Systems..	190,961	99,713	48,798	65,198	192,411	38,393
Other.....						
Total reserves.....	190,961	99,713	48,798	65,198	192,411	38,393
CAPITAL						
Debentures redeemed.....	85,000	15,000	5,744	9,500	45,067	4,500
Local sinking fund.....						
Accumulated net income invested in plant or held as working funds..	297,532	105,378	56,269	69,497	187,543	22,873
Contributed capital.....	30,938			150		
Total capital.....	413,470	120,378	62,013	79,147	232,610	27,373
Total.....	610,687	221,615	113,134	145,193	447,890	65,990
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy.....	181,102	69,072	33,673	32,344	130,438	13,835
Other.....	5,220	3,048	905	576	3,450	603
Total revenue.....	186,322	72,120	34,578	32,920	133,888	14,438
EXPENSE						
Power purchased.....	120,375	51,061	22,700	19,371	80,584	10,717
Local generation.....						
Operation and maintenance.....	16,860	6,935	2,027	3,106	17,706	548
Administration.....	15,901	7,877	2,032	2,273	18,988	1,234
Fixed charges—interest and principal			241		1,863	
—depreciation.....	12,604	5,394	2,895	2,299	5,770	1,409
—other.....						
Total expense.....	165,740	71,267	29,895	27,049	124,911	13,908
Net income or net expense.....	20,582	853	4,683	5,871	8,977	530
Number of customers.....	1,482	617	367	275	956	171

Statements for the Year Ended December 31, 1965

Dryden	Dublin	Dundalk	Dundas	Dunnville	Durham	Dutton	East York Twp.	Eganville
6,448	307	895	14,908	5,686	2,419	831	71,890	1,434
\$ 798,422 229,806	\$ 46,432 13,645	\$ 75,612 17,501	\$ 2,090,242 362,613	\$ 600,102 132,768	\$ 261,719 52,709	\$ 63,871 19,312	\$ 5,534,628 1,269,400	\$ 194,827 65,111
568,616	32,787	58,111	1,727,629	467,334	209,010	44,559	4,265,228	129,716
13,723	6,393	8,831	58,572	3,052	36,737	2,363	405,150	12,598
.....	1,100	16,500	9,000	.....	4,000	4,500	200,000	15,000
1,064	126	2,607	9,705	7,668	6,255	428	169,575	644
14,787	7,619	27,938	77,277	10,720	46,992	7,291	774,725	28,242
11,581	.....	.....	26,355	37,994	1,253	61	56,562	2,430
23,027	.....	.....	25,974	409	877	500	9,005	2,172
34,608	.....	.....	52,329	38,403	2,130	561	65,567	4,602
152,739	31,269	80,483	860,143	461,998	184,517	86,929	3,446,780	26,043
770,750	71,675	166,532	2,717,378	978,455	442,649	139,340	8,552,300	188,603
99,500	.....	.....	810,500	35,750	27,000	.....	190,000	10,804
7,064	112	295	15,913	562	1,378	879	34,840	929
24,123	105	385	45,006	10,894	1,587	510	8,886	.....
130,687	217	680	871,419	47,206	29,965	1,389	233,726	11,733
152,739	31,269	80,483	860,143	461,998	184,517	86,929	3,446,780	26,043
.....
152,739	31,269	80,483	860,143	461,998	184,517	86,929	3,446,780	26,043
101,930	6,200	5,727	218,045	104,189	28,324	8,407	1,082,806	89,196
.....
385,394	33,779	79,642	692,540	341,961	199,843	42,615	3,675,882	61,631
.....	210	.....	75,231	23,101	.....	.....	113,106	.....
487,324	40,189	85,369	985,816	469,251	228,167	51,022	4,871,794	150,827
770,750	71,675	166,532	2,717,378	978,455	442,649	139,340	8,552,300	188,603
316,751	23,604	48,147	716,095	266,133	124,550	30,166	2,499,827	62,370
14,184	102	719	20,040	909	4,239	288	124,406	1,564
330,935	23,706	48,866	736,135	267,042	128,789	30,454	2,624,233	63,934
181,506	15,571	35,534	419,563	180,951	82,158	20,689	1,684,198	31,314
.....	.....	.....	.....	.....	.....	.....	.....	13,217
41,948	1,456	7,094	62,998	32,286	11,303	2,553	208,214	3,567
31,344	2,302	2,840	57,162	19,653	14,240	2,267	234,212	6,696
13,858	.....	.....	74,661	5,585	2,660	.....	56,342	7,035
27,405	1,453	2,066	54,900	14,270	7,137	1,927	201,835	4,893
.....
296,061	20,782	47,534	669,284	252,745	117,498	27,436	2,384,801	66,722
34,874	2,924	1,332	66,851	14,297	11,291	3,018	239,432	2,788
2,045	118	476	4,622	1,991	931	365	24,720	510

Municipal Electrical Utilities Financial

Municipality.....	Elmira	Elmvale	Elmwood	Elora	Embro	Embrun*
Population.....	3,887	984	450	1,549	600	1,115
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	499,895	104,109	26,129	161,772	74,378	121,225
Accumulated depreciation.....	132,166	29,958	9,440	54,836	24,564	23,881
Net fixed assets.....	367,729	74,151	16,689	106,936	49,814	97,344
CURRENT ASSETS						
Cash on hand and in bank.....	68,278	2,619	1,974	19,383	3,186	13,277
Investment in government securities.....		10,000	7,000	8,000	6,000	
Accounts receivable (net).....	1,343	833	83	2,135	572	1,614
Total current assets.....	69,621	13,452	9,057	29,518	9,758	14,891
OTHER ASSETS						
Inventory of stores.....	925	1,546		265		
Sinking fund on local debentures.....						
Miscellaneous.....	206	279		576	1,471	4,458
Total other assets.....	1,131	1,825		841	1,471	4,458
Equity in Ontario Hydro Systems.....	471,757	78,139	28,824	165,232	56,813	
Total.....	910,238	167,567	54,570	302,527	117,856	116,693
LIABILITIES						
Debentures outstanding.....				2,800		102,000
Accounts payable.....	738	441	4	576	2,749	18,700
Other.....	3,504	690	50	1,829	110	1,437
Total liabilities.....	4,242	1,131	54	5,205	2,859	122,137
RESERVES						
Equity in Ontario Hydro Systems..	471,757	78,139	28,824	165,232	56,813	
Other.....						
Total reserves.....	471,757	78,139	28,824	165,232	56,813	
CAPITAL						
Debentures redeemed.....	37,169	6,544	6,106	17,062	7,500	
Local sinking fund.....						
Accumulated net income invested in plant or held as working funds..	397,070	81,753	19,586	113,686	50,684	5,444
Contributed capital.....				1,342		
Total capital.....	434,239	88,297	25,692	132,090	58,184	5,444
Total.....	910,238	167,567	54,570	302,527	117,856	116,693
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy.....	290,809	45,826	11,109	72,164	29,766	4,027
Other.....	4,257	679	400	1,860	1,504	303
Total revenue.....	295,066	46,505	11,509	74,024	31,270	4,330
EXPENSE						
Power purchased.....	209,475	31,786	8,301	39,118	18,926	3,793
Local generation.....						
Operation and maintenance.....	14,029	1,901	490	9,330	3,206	302
Administration.....	15,997	5,456	1,189	7,353	3,111	843
Fixed charges—interest and principal				638		1,323
—depreciation.....	13,737	3,073	836	4,996	2,791	613
—other.....						
Total expense.....	253,238	42,216	10,816	61,435	28,034	6,874
Net income or net expense.....	41,828	4,289	693	12,589	3,236	2,544
Number of customers.....	1,358	425	142	566	250	329

*Two months' operation.

Statements for the Year Ended December 31, 1965

Erieau	Erie Beach	Erin	Espanola	Essex	Etobicoke Twp.	Exeter	Fergus	Finch
492	193	1,164	5,461	3,610	206,872	3,139	4,336	366
\$ 97,904 25,572	\$ 25,680 4,773	\$ 85,138 13,187	\$ 380,041 82,087	\$ 362,551 117,691	\$ 25,056,007 4,638,263	\$ 422,812 104,617	\$ 461,640 114,423	\$ 47,500 15,641
72,332	20,907	71,951	297,954	244,860	20,417,744	318,195	347,217	31,859
307	2,245	4,454	64,549	25,280	1,114,981	13,430	14,726	4,804
3,923	.....	5,037	.....	.....	136,382	3,000	15,000	6,000
995	142	657	8,635	2,320	453,529	7,275	1,824	539
5,225	2,387	10,148	73,184	27,600	1,704,892	23,705	31,550	11,343
30	.....	61	349	15,227	528,653	1,048	300	.....
.....	.....	.....	.....	.....	1,778,204	.....	.....	.....
2,404	315	319	9,224	343	212,278	1,253	474	500
2,434	315	380	9,573	15,570	2,519,135	2,301	774	500
57,287	10,135	33,941	43,823	218,757	6,918,416	287,088	451,918	35,207
137,278	33,744	116,420	424,534	506,787	31,560,187	631,289	831,459	78,909
3,550	605	725	124,500	9,400	9,106,838	45,000	15,000	.....
.....	632	12	4,557	6,370	179,702	103	537	740
1,030	274	1,150	10,940	1,992	689,831	4,230	5,370	276
4,580	1,511	1,887	139,997	17,762	9,976,371	49,333	20,907	1,016
57,287	10,135	33,941	43,823	218,757	6,918,416	287,088	451,918	35,207
.....
57,287	10,135	33,941	43,823	218,757	6,918,416	287,088	451,918	35,207
17,250	7,230	13,775	20,500	41,823	2,350,513	20,000	59,961	7,000
.....	.....	.....	.....	.....	1,778,204	.....	.....	.....
58,161	14,868	66,817	136,508	228,445	9,337,543	267,969	298,673	35,686
.....	.....	.....	83,706	.....	1,199,140	6,899	.....	.....
75,411	22,098	80,592	240,714	270,268	14,665,400	294,868	358,634	42,686
137,278	33,744	116,420	424,534	506,787	31,560,187	631,289	831,459	78,909
34,871	7,980	47,722	195,523	154,790	10,922,696	193,899	254,656	17,733
716	25	1,317	6,700	2,305	206,214	2,017	3,538	283
35,587	8,005	49,039	202,223	157,095	11,128,910	195,916	258,194	18,016
23,796	3,736	32,642	118,348	89,780	7,401,617	116,347	189,129	12,182
2,997	464	3,247	14,817	15,663	680,453	12,292	23,109	1,415
3,865	1,221	4,245	22,204	18,695	489,650	21,679	23,454	2,366
1,910	636	772	12,997	1,519	864,998	2,006	2,157	.....
2,985	754	2,730	9,746	10,264	641,989	11,915	13,560	1,491
.....
35,553	6,811	43,636	178,112	135,921	10,078,707	164,239	251,409	17,454
34	1,194	5,403	24,111	21,174	1,050,203	31,677	6,785	562
369	144	455	1,440	1,233	65,021	1,297	1,503	168

Municipal Electrical Utilities Financial

Municipality.....	Flesherton	Fonthill	Forest	Forest Hill	Fort William	Frankford
Population.....	505	2,770	2,247	22,941	47,349	1,635
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	40,843	216,364	192,094	2,292,065	5,181,740	133,672
Accumulated depreciation.....	16,348	53,774	97,677	770,265	1,644,739	29,526
Net fixed assets.....	24,495	162,590	94,417	1,521,800	3,537,001	104,146
CURRENT ASSETS						
Cash on hand and in bank.....	2,446	13,940	17,075	194,191	538,969	18,533
Investment in government securities	19,000		38,409	54,000	85,200	
Accounts receivable (net).....	322	2,026	3,340	18,620	164,773	2,445
Total current assets.....	21,768	15,966	58,824	266,811	788,942	20,978
OTHER ASSETS						
Inventory of stores.....		64	3,781	48,537	116,091	
Sinking fund on local debentures...						
Miscellaneous.....				1,099	13,820	913
Total other assets.....		64	3,781	49,636	129,911	913
Equity in Ontario Hydro Systems...	40,540	98,617	219,792	1,619,522	6,412,647	42,714
Total	86,803	277,237	376,814	3,457,769	10,868,501	168,751
LIABILITIES						
Debentures outstanding.....		4,000			355,000	13,000
Accounts payable.....	418	3,140	12	12,612	15,880	148
Other.....	323	3,448	1,404	55,625	101,178	1,645
Total liabilities.....	741	10,588	1,416	68,237	472,058	14,793
RESERVES						
Equity in Ontario Hydro Systems..	40,540	98,617	219,792	1,619,522	6,412,647	42,714
Other.....						
Total reserves.....	40,540	98,617	219,792	1,619,522	6,412,647	42,714
CAPITAL						
Debentures redeemed.....	5,831	56,173	23,357	358,126	707,139	20,000
Local sinking fund.....						
Accumulated net income invested in plant or held as working funds..	39,691	109,609	132,249	1,411,884	3,271,028	91,244
Contributed capital.....		2,250			5,629	
Total capital.....	45,522	168,032	155,606	1,770,010	3,983,796	111,244
Total	86,803	277,237	376,814	3,457,769	10,868,501	168,751
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy.....	20,646	94,171	97,272	997,530	2,003,541	56,332
Other.....	917	3,287	7,018	22,892	128,533	2,840
Total revenue	21,563	97,458	104,290	1,020,422	2,132,074	59,172
EXPENSE						
Power purchased.....	16,597	62,720	73,829	726,242	1,424,676	40,802
Local generation.....						
Operation and maintenance.....	1,101	5,329	10,161	78,562	161,505	3,011
Administration.....	2,178	8,820	11,670	104,256	164,292	5,882
Fixed charges—interest and principal		701			52,980	
—depreciation.....	1,365	7,852	8,450	75,441	188,712	5,518
—other.....						
Total expense	21,241	85,422	104,110	984,501	1,992,165	55,213
Net income or net expense	322	12,036	180	35,921	139,909	3,959
Number of customers.....	248	914	873	9,060	15,006	667

Statements for the Year Ended December 31, 1965

Galt	Georgetown	Glencoe	Gloucester Twp.*	Goderich	Grand Bend	Grand Valley	Granton	Gravenhurst
31,637	11,458	1,183	20,777	6,556	674	751	280	3,304
\$ 3,945,700 1,363,333	\$ 1,189,527 266,218	\$ 146,111 50,808	\$ 2,173,574 507,549	\$ 915,020 281,858	\$ 206,949 57,861	\$ 71,307 21,002	\$ 21,498 4,715	\$ 291,874 86,436
2,582,367	923,309	95,303	1,666,025	633,162	149,088	50,305	16,783	205,438
450	41,261	1,511	133,338	153,075	126	9,779	10,496	4,584
165,000	14,000	5,000	.....	90,732	.....	15,500	.....	12,000
161,380	6,969	1,724	65,626	5,532	4,845	181	439	4,772
326,830	62,230	8,235	198,964	249,339	4,971	25,460	10,935	21,356
133,633	29,433	464	2,504	8,641	820	.....	.....	6,223
1,238	863	162	2,839	1,089	7,695	.....	328	.....
134,871	30,296	626	5,343	9,730	8,515	.....	328	6,223
3,144,927	749,940	105,233	.....	731,100	71,113	72,289	29,538	294,307
6,188,995	1,765,775	209,397	1,870,332	1,623,331	233,687	148,054	57,584	527,324
9,000	235,201	.....	1,720,000	48,500	48,980	.....	.....	.....
37,026	12,638	916	20,365	494	5,060	.....	.....	2,457
48,559	35,872	449	45,452	18,227	4,746	.....	50	3,301
94,585	283,711	1,365	1,785,817	67,221	58,786	.....	50	5,758
3,144,927	749,940	105,233	.....	731,100	71,113	72,289	29,538	294,307
.....	.....	.....	62,193	.....	.....	.....	.....	.....
3,144,927	749,940	105,233	62,193	731,100	71,113	72,289	29,538	294,307
808,298	157,894	20,113	.....	164,459	42,020	10,794	6,603	44,279
.....
2,053,768	569,720	79,023	21,788	632,476	58,447	64,971	21,393	182,980
87,417	4,510	3,663	534	28,075	3,321	.....	.....	.....
2,949,483	732,124	102,799	22,322	825,010	103,788	75,765	27,996	227,259
6,188,995	1,765,775	209,397	1,870,332	1,623,331	233,687	148,054	57,584	527,324
1,681,396	563,650	54,460	416,030	443,041	81,529	33,728	11,162	148,464
17,974	17,179	894	15,012	11,253	708	421	14	3,013
1,699,370	580,829	55,354	431,042	454,294	82,237	34,149	11,176	151,477
1,184,562	400,126	33,970	241,857	307,260	42,448	22,263	5,157	109,610
143,039	29,633	5,463	20,161	24,389	8,598	1,836	1,152	10,771
113,785	49,188	8,637	54,809	42,398	13,251	2,665	1,283	11,324
8,904	29,330	.....	56,969	9,330	7,888	.....	308	.....
107,956	37,490	4,387	35,458	27,020	5,591	2,187	620	8,720
.....
1,558,246	545,767	52,457	409,254	410,397	77,776	28,951	8,520	140,425
141,124	35,062	2,897	21,788	43,897	4,461	5,198	2,656	11,052
10,245	3,470	562	4,663	2,565	848	345	127	1,417

*Six months' operation.

Municipal Electrical Utilities Financial

Municipality.....	Grimsby	Guelph	Hagersville	Hamilton	Hanover	Harriston
Population.....	6,072	48,035	2,144	280,591	4,810	1,674
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	501,633	5,692,483	185,745	29,943,860	517,814	262,326
Accumulated depreciation.....	107,845	959,494	56,898	3,937,429	168,678	63,247
Net fixed assets.....	393,788	4,732,989	128,847	26,006,431	349,136	199,079
CURRENT ASSETS						
Cash on hand and in bank.....	55,518	417,251	51,802	2,041,903	10,313	3,565
Investment in government securities.....			18,000		22,000	7,000
Accounts receivable (net).....	3,718	117,882	1,572	1,654,525	12,863	1,662
Total current assets.....	59,236	535,133	71,374	3,696,428	45,176	12,227
OTHER ASSETS						
Inventory of stores.....	96	109,163		770,401	19,440	164
Sinking fund on local debentures.....						
Miscellaneous.....	4,096	16,339	267	41,900	358	898
Total other assets.....	4,192	125,502	267	812,301	19,798	1,062
Equity in Ontario Hydro Systems.....	218,571	3,867,768	334,635	41,109,634	475,352	190,867
Total.....	675,787	9,261,392	535,123	71,624,794	889,462	403,235
LIABILITIES						
Debentures outstanding.....	71,000	1,472,000		762,000		33,000
Accounts payable.....	6,525	92,547	498	2,367,285	694	311
Other.....	8,641	73,656	1,500	197,870	4,040	2,751
Total liabilities.....	86,166	1,638,203	1,998	3,327,155	4,734	36,062
RESERVES						
Equity in Ontario Hydro Systems..	218,571	3,867,768	334,635	41,109,634	475,352	190,867
Other.....				222,348		
Total reserves.....	218,571	3,867,768	334,635	41,331,982	475,352	190,867
CAPITAL						
Debentures redeemed.....	104,344	792,012	8,000	6,947,892	80,162	32,708
Local sinking fund.....						
Accumulated net income invested in plant or held as working funds..	266,706	2,836,342	190,490	19,847,271	327,533	143,598
Contributed capital.....		127,067		170,494	1,681	
Total capital.....	371,050	3,755,421	198,490	26,965,657	409,376	176,306
Total.....	675,787	9,261,392	535,123	71,624,794	889,462	403,235
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy.....	272,039	2,780,496	107,292	23,619,306	259,220	98,582
Other.....	4,434	68,300	2,731	324,055	2,805	2,131
Total revenue.....	276,473	2,848,796	110,023	23,943,361	262,025	100,713
EXPENSE						
Power purchased.....	172,239	1,706,706	60,444	19,995,282	187,250	63,994
Local generation.....						
Operation and maintenance.....	10,832	198,254	13,994	1,101,797	14,601	7,119
Administration.....	28,181	227,934	7,112	1,031,904	18,059	8,844
Fixed charges—interest and principal	9,725	168,337		114,045		3,025
—depreciation.....	16,240	154,637	5,911	691,581	13,768	7,204
—other.....						
Total expense.....	237,217	2,455,868	87,461	22,934,609	233,678	90,186
Net income or net expense.....	39,256	392,928	22,562	1,008,752	28,347	10,527
Number of customers.....	2,135	13,565	793	89,709	1,783	697

Statements for the Year Ended December 31, 1965

Harrow	Hastings	Havelock	Hawkesbury	Hearst	Hensall	Hespeler	Highgate	Holstein
1,849	842	1,283	9,171	2,698	906	5,155	386	154
\$ 295,686 86,671	\$ 101,233 36,894	\$ 128,501 40,004	\$ 810,698 204,409	\$ 293,838 46,528	\$ 156,684 46,886	\$ 580,337 120,498	\$ 43,062 16,690	\$ 13,564 4,838
209,015	64,339	88,497	606,289	247,310	109,798	459,839	26,372	8,726
1,316	2,556	12,452	40,603	2,258	11,731	26,548	4,610	4,760
.....	8,833	44,170	.....	40,000	8,926	30,000	3,000	.....
1,008	973	1,444	11,933	12,058	762	32,767	521	368
2,324	12,362	58,066	52,536	54,316	21,419	89,315	8,131	5,128
334	.....	.....	21,583	.....	60	257	.....	50
.....
.....	.....	1,860	2,003	6,627	120	761	.....	.....
334	.....	1,860	23,586	6,627	180	1,018	.....	50
193,919	46,130	78,002	135,285	29,714	105,295	766,032	41,793	15,332
405,592	122,831	226,425	817,696	337,967	236,692	1,316,204	76,296	29,236
.....	.....	9,000	138,000	24,100	.....	.....	.....	.....
7	990	10,243	1,156	2,405	278	1,930	220	71
955	851	632	11,608	12,946	470	6,088	180	84
962	1,841	19,875	150,764	39,451	748	8,018	400	155
193,919	46,130	78,002	135,285	29,714	105,295	766,032	41,793	15,332
.....
193,919	46,130	78,002	135,285	29,714	105,295	766,032	41,793	15,332
12,000	21,000	53,900	147,000	115,900	12,000	77,571	5,000	2,762
.....
196,806	53,602	74,648	366,563	152,902	114,054	462,139	29,103	10,987
1,905	258	.....	18,084	.....	4,595	2,444	.....	.....
210,711	74,860	128,548	531,647	268,802	130,649	542,154	34,103	13,749
405,592	122,831	226,425	817,696	337,967	236,692	1,316,204	76,296	29,236
111,335	41,616	44,305	298,039	123,980	63,771	342,641	13,664	6,859
3,933	943	2,377	9,874	3,604	570	11,054	295	1
115,268	42,559	46,682	307,913	127,584	64,341	353,695	13,959	6,860
71,620	27,533	28,635	174,721	89,552	43,043	272,151	8,308	5,031
.....
14,830	2,336	3,436	26,001	10,776	3,632	20,264	946	484
13,987	5,409	5,158	36,309	10,793	4,877	24,955	1,876	498
23	.....	1,868	24,375	8,708	.....	.....	.....	.....
10,317	3,546	3,833	25,189	6,996	4,523	15,732	1,432	440
.....
110,777	38,824	42,930	286,595	126,825	56,075	333,102	12,562	6,453
4,491	3,735	3,752	21,318	759	8,266	20,593	1,397	407
732	420	457	2,432	761	370	1,626	168	95

Municipal Electrical Utilities Financial

Municipality.....	Huntsville	Ingersoll	Iroquois	Jarvis	Kapus- kasing	Kempt- ville
Population.....	3,063	7,107	1,156	751	12,289	2,092
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	322,378	830,737	208,773	67,427	664,355	215,134
Accumulated depreciation.....	83,847	218,666	45,714	21,270	97,831	38,821
Net fixed assets.....	238,531	612,071	163,059	46,157	566,524	176,313
CURRENT ASSETS						
Cash on hand and in bank.....	62,429	93,909	11,906	28,251	98,936	10,216
Investment in government securities	59,739		53,000			9,000
Accounts receivable (net).....	6,857	14,545	1,303	367	4,825	6,751
Total current assets.....	129,025	108,454	66,209	28,618	103,761	25,967
OTHER ASSETS						
Inventory of stores.....	7,421	27,019	995		12,058	8,883
Sinking fund on local debentures.....						
Miscellaneous.....	3,870	3,184		39	8,376	179
Total other assets.....	11,291	30,203	995	39	20,434	9,062
Equity in Ontario Hydro Systems.....	388,430	914,735	66,171	76,276	78,459	183,475
Total.....	767,277	1,665,463	296,434	151,090	769,178	394,817
LIABILITIES						
Debentures outstanding.....		58,290			198,488	
Accounts payable.....	420	12,151	587	375	18,954	14,948
Other.....	1,958	13,403	1,540	175	27,852	1,785
Total liabilities.....	2,378	83,844	2,127	550	245,294	16,733
RESERVES						
Equity in Ontario Hydro Systems..	388,430	914,735	66,171	76,276	78,459	183,475
Other.....						
Total reserves.....	388,430	914,735	66,171	76,276	78,459	183,475
CAPITAL						
Debentures redeemed.....	15,697	141,510		10,500	86,991	19,507
Local sinking fund.....						
Accumulated net income invested in plant or held as working funds..	360,772	525,374	84,147	63,288	358,434	175,102
Contributed capital.....			143,989	476		
Total capital.....	376,469	666,884	228,136	74,264	445,425	194,609
Total.....	767,277	1,665,463	296,434	151,090	769,178	394,817
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy.....	166,812	408,252	52,997	30,129	273,315	131,671
Other.....	7,716	11,838	2,860	616	6,899	2,951
Total revenue.....	174,528	420,090	55,857	30,745	280,214	134,622
EXPENSE						
Power purchased.....	110,712	251,330	37,176	16,771	169,723	85,350
Local generation.....						
Operation and maintenance.....	23,622	27,697	7,186	1,982	23,047	11,213
Administration.....	15,050	41,081	6,677	3,479	38,623	9,283
Fixed charges—interest and principal		11,333			26,273	
—depreciation.....	9,037	22,534	5,344	2,161	18,946	6,953
—other.....						
Total expense.....	158,421	353,975	56,383	24,393	276,612	112,799
Net income or net expense.....	16,107	66,115	526	6,352	3,602	21,823
Number of customers.....	1,270	2,447	410	279	2,370	847

Statements for the Year Ended December 31, 1965

Killaloe Station 810	Kincardine 2,826	King City 1,903	Kingston 52,937	Kingsville 3,530	Kirkfield 197	Kitchener 86,616	Lakefield 2,201	Lambeth 2,654
\$ 61,092 16,727	\$ 355,941 120,454	\$ 149,418 49,245	\$ 7,441,399 2,041,118	\$ 348,017 118,524	\$ 27,588 7,079	\$ 12,897,175 3,002,341	\$ 289,020 70,308	\$ 186,946 47,139
44,365	235,487	100,173	5,400,281	229,493	20,509	9,894,834	218,712	139,807
6,909	11,904	40,959	187,906	20,519	4,341	965,415	7,503	5,141
.....	5,000	.....	130,000	8,500	.....	200,000	21,000	.....
1,340	4,228	4,114	335,561	4,061	465	498,319	2,202	2,851
8,249	21,132	45,073	653,467	33,080	4,806	1,663,734	30,705	7,992
.....	7,795	.....	281,986	1,540	.....	362,550	5,535	.....
.....
2,456	.....	5,160	3,298	103	552	26,100	2,247	195
2,456	7,795	5,160	285,284	1,643	552	388,650	7,782	195
15,732	316,962	33,622	3,198,547	262,524	15,976	7,948,966	142,732	88,224
70,802	581,376	184,028	9,537,579	526,740	41,843	19,896,184	399,931	236,218
34,000	.....	104,300	1,366,000	.....	.....	1,000,000	.....	6,741
1	5,433	3,388	323,770	157	.....	437,629	40,502	89
45	2,987	5,384	12,645	5,295	25	119,131	1,809	2,226
34,046	8,420	113,072	1,702,415	5,452	25	1,556,760	42,311	9,056
15,732	316,962	33,622	3,198,547	262,524	15,976	7,948,966	142,732	88,224
.....	.....	.....	103,456	.....	.....	363,286	.....	.....
15,732	316,962	33,622	3,302,003	262,524	15,976	8,312,252	142,732	88,224
6,000	60,000	7,095	830,839	33,500	5,766	2,327,244	33,500	25,759
.....
15,024	195,994	29,726	3,680,964	224,585	20,076	7,477,632	181,388	98,667
.....	.....	513	21,358	679	.....	222,296	.....	14,512
21,024	255,994	37,334	4,533,161	258,764	25,842	10,027,172	214,888	138,938
70,802	581,376	184,028	9,537,579	526,740	41,843	19,896,184	399,931	236,218
29,418	153,560	81,618	3,475,660	138,290	8,324	4,771,803	102,203	84,960
270	1,690	6,886	66,064	1,012	216	21,007	2,365	2,249
29,688	155,250	88,504	3,541,724	139,302	8,540	4,792,810	104,568	87,209
17,308	105,160	58,987	2,561,422	91,526	5,261	3,406,394	68,947	58,682
.....
1,500	13,458	2,996	217,635	14,186	444	372,899	6,990	3,242
2,850	11,485	6,496	272,820	16,420	655	330,914	7,428	9,002
3,630	.....	9,684	137,575	.....	.....	14,970	1,725	1,307
1,828	10,282	7,540	196,023	10,143	893	302,857	8,935	6,503
.....
27,116	140,385	85,703	3,385,475	132,275	7,253	4,428,034	94,025	78,736
2,572	14,865	2,801	156,249	7,027	1,287	364,776	10,543	8,473
281	1,330	545	18,460	1,439	108	28,285	806	784

Municipal Electrical Utilities Financial

Municipality	Lanark	Lancaster	Larder Lake Twp.	Latchford	Leamington	Lindsay
Population	920	578	1,422	452	9,328	11,627
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost	65,735	44,191	76,382	43,603	957,436	1,467,669
Accumulated depreciation	15,143	14,854	30,510	12,071	267,232	468,028
Net fixed assets	50,592	29,337	45,872	31,532	690,204	999,641
CURRENT ASSETS						
Cash on hand and in bank	2,782	12,489	19,762	8,024	67,548	30,738
Investment in government securities	9,000	6,500			2,000	
Accounts receivable (net)	1,583	503	789	272	13,831	29,594
Total current assets	13,365	19,492	20,551	8,296	83,379	60,332
OTHER ASSETS						
Inventory of stores	254				27,313	17,132
Sinking fund on local debentures						
Miscellaneous					38	
Total other assets	254				27,351	17,132
Equity in Ontario Hydro Systems	45,156	35,899	21,227	4,153	729,029	990,915
Total	109,367	84,728	87,650	43,981	1,529,963	2,068,020
LIABILITIES						
Debentures outstanding					48,500	
Accounts payable	3	195	4,059	43	3,462	51,575
Other	356	628	5,236	599	19,725	8,685
Total liabilities	359	823	9,295	642	71,687	60,260
RESERVES						
Equity in Ontario Hydro Systems	45,156	35,899	21,227	4,153	729,029	990,915
Other						
Total reserves	45,156	35,899	21,227	4,153	729,029	990,915
CAPITAL						
Debentures redeemed	7,317	8,917	15,753	18,901	77,500	130,000
Local sinking fund						
Accumulated net income invested in plant or held as working funds	56,535	38,489	41,375	19,995	621,321	883,601
Contributed capital		600		290	30,426	3,244
Total capital	63,852	48,006	57,128	39,186	729,247	1,016,845
Total	109,367	84,728	87,650	43,981	1,529,963	2,068,020
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy	22,436	24,658	53,717	12,025	492,450	647,988
Other	964	988	193	405	3,914	29,248
Total revenue	23,400	25,646	53,910	12,430	496,364	677,236
EXPENSE						
Power purchased	17,626	13,853	40,588	8,327	347,231	469,408
Local generation						
Operation and maintenance	1,727	1,431	3,635	1,307	21,544	51,642
Administration	1,717	2,609	5,813	1,417	41,997	65,254
Fixed charges—interest and principal					6,378	
—depreciation	2,014	1,695	2,669	1,354	25,478	48,090
—other						
Total expense	23,084	19,588	52,705	12,405	442,628	634,394
Net income or net expense	316	6,058	1,205	25	53,736	42,842
Number of customers	297	226	466	152	3,428	4,184

Statements for the Year Ended December 31, 1965

Listowel	London	Long Branch	L'Original	Lucan	Lucknow	Lynden	Madoc	Magnetawan
4,382	181,396	12,108	1,319	960	1,081	591	1,235	237
\$ 510,225 180,836	\$ 25,754,453 6,089,140	\$ 745,577 148,959	\$ 129,315 37,777	\$ 106,332 37,510	\$ 121,058 21,766	\$ 44,115 15,397	\$ 184,621 63,150	\$ 32,427 9,963
329,389	19,665,313	596,618	91,538	68,822	99,292	28,718	121,471	22,464
31,702	54,394	17,551	8,476	18,917	9,392	8,009	7,201	3,705
20,000	251,998	139,505	.....	5,500	9,000	12,000	22,000	5,500
3,703	982,197	78,622	619	1,631	1,244	2,374	3,129	10
55,405	1,288,589	235,678	9,095	26,048	19,636	22,383	32,330	9,215
184	1,071,505	.....	.....	41	.....	297	6,196	71
.....
161	116,807	80	3,378	.....	1,648	.....	100	490
345	1,188,312	80	3,378	41	1,648	297	6,296	561
465,842	12,827,404	560,020	19,466	89,087	130,577	49,865	97,099	6,153
850,981	34,969,618	1,392,396	123,477	183,998	251,153	101,263	257,196	38,393
34,718	7,353,423	.....	12,500	.....	.....	.....	.....	7,500
18,993	1,559,534	24	20	40	5,094	625	237	65
7,350	270,547	33,211	650	875	.....	123	1,398	.....
61,061	9,183,504	33,235	13,170	915	5,094	748	1,635	7,565
465,842	12,827,404	560,020	19,466	89,087	130,577	49,865	97,099	6,153
.....	223,652	.....	.....	.....	.....	.....	.....	.....
465,842	13,051,056	560,020	19,466	89,087	130,577	49,865	97,099	6,153
98,116	3,219,053	40,304	15,500	11,214	17,614	4,495	14,000	16,500
.....
224,507	9,467,930	746,912	75,341	82,782	97,868	46,155	144,462	8,175
1,455	48,075	11,925	.....	.....	.....	.....	.....	.....
324,078	12,735,058	799,141	90,841	93,996	115,482	50,650	158,462	24,675
850,981	34,969,618	1,392,396	123,477	183,998	251,153	101,263	257,196	38,393
249,637	9,455,831	454,172	46,378	42,366	61,471	24,553	63,689	10,116
3,121	305,025	13,716	1,915	638	440	1,504	3,072	289
252,758	9,760,856	467,888	48,293	43,004	61,911	26,057	66,761	10,405
187,337	5,788,721	353,642	26,049	30,054	41,031	15,628	47,592	5,361
22,916	655,146	23,482	3,812	2,268	4,732	202	3,631	692
15,153	781,039	45,130	3,683	3,533	5,914	3,488	5,348	962
9,854	817,179	3,526	2,200	.....	.....	.....	.....	2,172
15,907	693,074	22,735	4,891	3,474	3,206	1,537	6,996	970
.....
251,167	8,735,159	448,515	40,635	39,329	54,883	20,855	63,567	10,157
1,591	1,025,697	19,373	7,658	3,675	7,028	5,202	3,194	248
1,705	59,024	5,048	422	373	482	177	607	111

Municipal Electrical Utilities Financial

Municipality	Markdale	Markham	Marmora	Martintown	Massey	Maxville
Population	1,114	6,687	1,237	377	1,282	835
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost	96,008	669,811	118,939	35,592	104,824	89,234
Accumulated depreciation	18,314	122,974	48,067	12,035	16,619	19,178
Net fixed assets	77,694	546,837	70,872	23,557	88,205	70,056
CURRENT ASSETS						
Cash on hand and in bank	14,066	30,358	5,214	6,406	13,413	8,758
Investment in government securities	6,000		3,000			1,500
Accounts receivable (net)	447	18,556	492	2,896	3,281	789
Total current assets	20,513	48,914	8,706	9,302	16,694	11,047
OTHER ASSETS						
Inventory of stores	62	3,009	1,621		421	
Sinking fund on local debentures						
Miscellaneous	170	1,193			2,843	
Total other assets	232	4,202	1,621		3,264	
Equity in Ontario Hydro Systems	78,315	220,050	70,496	17,096	10,315	63,576
Total	176,754	820,003	151,695	49,955	118,478	144,679
LIABILITIES						
Debentures outstanding		76,679			26,700	
Accounts payable	5	25,384	1	5	668	
Other	816	88,482	770	76	1,712	984
Total liabilities	821	190,545	771	81	29,080	984
RESERVES						
Equity in Ontario Hydro Systems	78,315	220,050	70,496	17,096	10,315	63,576
Other						
Total reserves	78,315	220,050	70,496	17,096	10,315	63,576
CAPITAL						
Debentures redeemed	6,370	42,495	15,092	5,347	18,300	13,643
Local sinking fund						
Accumulated net income invested in plant or held as working funds	91,248	314,172	65,336	27,431	60,783	64,761
Contributed capital		52,741				1,715
Total capital	97,618	409,408	80,428	32,778	79,083	80,119
Total	176,754	820,003	151,695	49,955	118,478	144,679
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy	52,071	299,816	51,013	10,148	46,652	42,545
Other	373	8,784	700	434	354	70
Total revenue	52,444	308,600	51,713	10,582	47,006	42,615
EXPENSE						
Power purchased	35,058	212,514	36,372	6,622	26,958	28,584
Local generation						
Operation and maintenance	2,747	9,855	7,359	409	4,382	3,645
Administration	2,589	25,657	3,832	1,242	7,240	1,884
Fixed charges—interest and principal		11,692			3,934	
—depreciation	2,614	19,172	3,982	1,119	2,780	2,542
—other						
Total expense	43,008	278,890	51,545	9,392	45,294	36,655
Net income or net expense	9,436	29,710	168	1,190	1,712	5,960
Number of customers	472	2,134	500	125	358	317

Statements for the Year Ended December 31, 1965

McGarry Twp. 1,972	Meaford 3,801	Merlin 623	Merrickville 911	Midland 9,997	Mildmay 895	Millbrook 890	Milton 6,231	Milverton 1,114
\$ 90,063 25,081	\$ 343,178 107,250	\$ 80,541 33,903	\$ 83,028 14,987	\$ 905,943 370,674	\$ 68,474 10,529	\$ 81,972 21,168	\$ 730,220 217,483	\$ 121,730 29,243
64,382	235,928	46,638	68,041	535,269	57,945	60,804	512,737	92,487
21,421	34,028	28,325	8,062	8,018	2,780	4,205	161,265	13,041
.....	.....	.....	.....	70,000	7,500	5,000	.....	10,000
1,890	5,194	506	1,456	20,231	125	575	4,869	173
23,311	39,222	28,831	9,518	98,249	10,405	9,780	166,134	23,214
.....	11,483	229	.....	14,727	200	.....	1,563	602
.....
381	604	84	353	1,700	.....	.....	692	127
381	12,087	313	353	16,427	200	.....	2,255	729
19,637	308,755	54,370	29,428	1,126,965	49,181	38,322	529,016	175,058
107,711	595,992	130,152	107,340	1,776,910	117,731	108,906	1,210,142	291,488
.....	.....	.....	7,900	.....	.....	.....	49,778	8,400
48	940	69	480	2,502	2,060	647	7,913	384
3,428	6,103	271	1,195	3,987	187	1,028	8,218	864
3,476	7,043	340	9,575	6,489	2,247	1,675	65,909	9,648
19,637	308,755	54,370	29,428	1,126,965	49,181	38,322	529,016	175,058
.....
19,637	308,755	54,370	29,428	1,126,965	49,181	38,322	529,016	175,058
13,782	47,725	13,122	17,100	111,945	12,303	9,000	74,128	15,860
.....
70,816	232,469	62,320	50,767	519,375	54,000	59,909	541,089	89,742
.....	.....	.....	470	12,136	.....	.....	.....	1,180
84,598	280,194	75,442	68,337	643,456	66,303	68,909	615,217	106,782
107,711	595,992	130,152	107,340	1,776,910	117,731	108,906	1,210,142	291,488
53,275	192,990	29,020	37,184	471,633	38,527	35,445	325,246	64,484
830	4,220	3,268	24	2,705	692	2,054	19,689	1,183
54,105	197,210	32,288	37,208	474,338	39,219	37,499	344,935	65,667
37,211	153,342	15,672	25,801	367,618	25,085	23,252	213,108	40,248
.....
4,222	14,077	1,613	2,342	30,309	4,616	2,449	16,654	8,565
7,824	17,074	5,536	2,905	28,070	3,485	3,536	34,806	7,619
.....	.....	.....	1,726	.....	.....	.....	7,353	1,128
2,964	9,989	2,565	2,263	27,689	2,005	3,356	25,716	3,094
.....
52,221	194,482	25,386	35,037	453,686	35,191	32,593	297,637	60,654
1,884	2,728	6,902	2,171	20,652	4,028	4,906	47,298	5,013
414	1,613	265	373	3,092	336	338	1,854	500

Municipal Electrical Utilities Financial

Municipality	Mimico	Mitchell	Moorefield	Morrisburg	Mount Brydges	Mount Forest
Population	18,448	2,371	318	2,205	1,045	2,802
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost	1,223,103	398,951	29,912	255,897	89,878	256,106
Accumulated depreciation	357,944	100,185	10,378	60,228	13,080	62,403
Net fixed assets	865,159	298,766	19,534	195,669	76,798	193,703
CURRENT ASSETS						
Cash on hand and in bank	187,919	10,683	3,821	17,460	12,816	14,839
Investment in government securities	65,000		1,000	11,000		15,034
Accounts receivable (net)	51,405	11,495	212	2,397	588	4,112
Total current assets	304,324	22,178	5,033	30,857	13,404	33,985
OTHER ASSETS						
Inventory of stores	16,904	13,670		7,690		930
Sinking fund on local debentures						
Miscellaneous	101,190	715			248	
Total other assets	118,094	14,385		7,690	248	930
Equity in Ontario Hydro Systems	944,310	252,122	34,223	105,983	45,769	226,934
Total	2,231,887	587,451	58,790	340,199	136,219	455,552
LIABILITIES						
Debentures outstanding	48,500	44,700			12,100	
Accounts payable	55,746	12	194	1,179	1,398	9
Other	51,469	2,028	7	2,886	833	2,341
Total liabilities	155,715	46,740	201	4,065	14,331	2,350
RESERVES						
Equity in Ontario Hydro Systems	944,310	252,122	34,223	105,983	45,769	226,934
Other						
Total reserves	944,310	252,122	34,223	105,983	45,769	226,934
CAPITAL						
Debentures redeemed	201,957	37,409	4,500	31,636	7,013	21,627
Local sinking fund						
Accumulated net income invested in plant or held as working funds	916,701	251,180	19,866	97,971	69,106	204,641
Contributed capital	13,204			100,544		
Total capital	1,131,862	288,589	24,366	230,151	76,119	226,268
Total	2,231,887	587,451	58,790	340,199	136,219	455,552
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy	533,368	157,788	20,530	95,082	36,443	128,571
Other	32,099	7,194	62	2,006	448	1,478
Total revenue	565,467	164,982	20,592	97,088	36,891	130,049
EXPENSE						
Power purchased	383,401	102,404	16,511	59,603	19,416	90,439
Local generation						
Operation and maintenance	40,111	13,301	694	13,933	4,062	8,088
Administration	97,100	19,366	872	14,700	3,260	11,731
Fixed charges—interest and principal	9,198	4,672			1,386	
—depreciation	32,645	12,385	981	6,617	2,605	6,285
—other						
Total expense	562,455	152,128	19,058	94,853	30,729	116,543
Net income or net expense	3,012	12,854	1,534	2,235	6,162	13,506
Number of customers	7,137	973	143	741	389	1,126

Statements for the Year Ended December 31, 1965

Napanee	Nepean Twp.	Neustadt	Newboro	Newburgh	Newbury	Newcastle	New Hamburg	Newmarket
4,541	40,811	553	276	579	339	1,517	2,350	8,869
\$ 484,852 164,962	\$ 3,743,836 667,464	\$ 41,899 19,342	\$ 38,978 9,952	\$ 84,290 26,058	\$ 30,648 11,554	\$ 169,888 53,622	\$ 251,496 53,404	\$ 909,822 232,677
319,890	3,076,372	22,557	29,026	58,232	19,094	116,266	198,092	677,145
55,855	93,046	2,453	1,861	4,058	2,447	770	6,851	112,689
22,000	.....	7,000	2,000	.....	5,000	4,000	.....	.....
16,354	275,797	323	44	289	1,360	4,048	1,580	36,225
94,209	368,843	9,776	3,905	4,347	8,807	8,818	8,431	148,914
6,898	124,232	.....	.....	.....	30	2,481	1,246	2,942
3,152	88,995	.....	2,004	.....	139	113	1,575	610
10,050	213,227	.....	2,004	.....	169	2,594	2,821	3,552
413,709	53,041	36,194	6,521	17,025	22,087	71,905	230,675	420,000
837,858	3,711,483	68,527	41,456	79,604	50,157	199,583	440,019	1,249,611
.....	3,016,000	.....	4,247	.....	.....	7,500	5,000	36,965
1,154	77,622	.....	447	4,171	262	5,233	208	8,320
8,027	137,369	154	81	262	15	989	729	19,272
9,181	3,230,991	154	4,775	4,433	277	13,722	5,937	64,557
413,709	53,041	36,194	6,521	17,025	22,087	71,905	230,675	420,000
.....
413,709	53,041	36,194	6,521	17,025	22,087	71,905	230,675	420,000
70,000	84,000	15,504	12,753	14,000	9,754	21,330	27,264	57,906
.....
344,968	328,256	16,675	17,407	38,646	17,814	92,626	176,143	707,148
.....	15,195	.....	.....	5,500	225	.....	.....	.....
414,968	427,451	32,179	30,160	58,146	27,793	113,956	203,407	765,054
837,858	3,711,483	68,527	41,456	79,604	50,157	199,583	440,019	1,249,611
213,212	1,985,686	18,263	11,413	22,467	9,544	68,181	114,385	484,151
47,233	71,054	403	193	717	214	4,872	1,970	7,486
260,445	2,056,740	18,666	11,606	23,184	9,758	73,053	116,355	491,637
161,299	1,161,839	15,636	5,565	13,149	5,693	45,610	75,571	339,677
.....
18,875	98,414	1,527	933	2,067	707	3,834	6,632	22,212
43,427	140,998	2,297	1,431	2,308	1,079	8,452	9,968	43,719
.....	255,906	.....	1,143	.....	.....	2,065	1,251	6,429
15,156	117,480	1,466	1,230	2,941	1,013	6,836	8,057	25,241
.....
238,757	1,774,637	20,926	10,302	20,465	8,492	66,797	101,479	437,278
21,688	282,103	2,260	1,304	2,719	1,266	6,256	14,876	54,359
1,765	12,144	211	156	196	143	556	807	2,904

Municipal Electrical Utilities Financial

Municipality.....	New Toronto	Niagara	Niagara Falls	Nipigon Twp.	North Bay	North York Twp.
Population.....	11,104	2,880	53,611	2,788	22,633	360,904
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	1,279,288	337,669	6,636,747	240,880	2,339,821	36,931,791
Accumulated depreciation.....	331,590	89,061	1,544,685	69,790	693,903	6,710,054
Net fixed assets.....	947,698	248,608	5,092,062	171,090	1,645,918	30,221,737
CURRENT ASSETS						
Cash on hand and in bank.....	122,810	14,286	20,193	734	439,425	2,674,776
Investment in government securities	155,200	10,000	63,000	8,500		17,650
Accounts receivable (net).....	9,323	3,365	143,045	3,551	37,082	297,097
Total current assets.....	287,333	27,651	226,238	12,785	476,507	2,989,523
OTHER ASSETS						
Inventory of stores.....	19,864	14,570	213,695	326	36,226	710,823
Sinking fund on local debentures.....						1,849,676
Miscellaneous.....	495	38	15,272	7,080	9,726	272,483
Total other assets.....	20,359	14,608	228,967	7,406	45,952	2,832,982
Equity in Ontario Hydro Systems.....	3,088,898	222,515	4,097,773	149,962	317,149	9,406,707
Total.....	4,344,288	513,382	9,645,040	341,243	2,485,526	45,450,949
LIABILITIES						
Debentures outstanding.....		16,596	701,961		317,000	11,282,131
Accounts payable.....	18,550	372	92,922	311	381	486,310
Other.....	24,729	3,885	104,579	2,587	89,163	1,432,107
Total liabilities.....	43,279	20,853	899,462	2,898	406,544	13,200,548
RESERVES						
Equity in Ontario Hydro Systems.....	3,088,898	222,515	4,097,773	149,962	317,149	9,406,707
Other.....					1,268	
Total reserves.....	3,088,898	222,515	4,097,773	149,962	318,417	9,406,707
CAPITAL						
Debentures redeemed.....	8,000	63,912	1,545,901	10,000	415,158	3,766,742
Local sinking fund.....						1,849,676
Accumulated net income invested in plant or held as working funds.....	1,203,164	202,102	3,023,359	178,383	1,345,407	16,450,587
Contributed capital.....	947	4,000	78,545			776,689
Total capital.....	1,212,111	270,014	4,647,805	188,383	1,760,565	22,843,694
Total.....	4,344,288	513,382	9,645,040	341,243	2,485,526	45,450,949
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy.....	1,415,582	123,983	2,476,046	113,289	1,127,129	17,397,290
Other.....	18,007	5,129	22,640	4,417	43,110	620,248
Total revenue.....	1,433,589	129,112	2,498,686	117,706	1,170,239	18,017,538
EXPENSE						
Power purchased.....	1,256,403	76,193	1,505,937	74,724	688,557	11,131,725
Local generation.....						
Operation and maintenance.....	45,456	17,564	251,644	10,558	111,053	1,047,900
Administration.....	93,276	11,136	267,080	16,868	128,421	1,318,993
Fixed charges—interest and principal		2,568	102,719		40,002	1,206,050
—depreciation.....	29,987	10,481	168,483	7,314	72,523	1,172,589
—other.....						
Total expense.....	1,425,122	117,942	2,295,863	109,464	1,040,556	15,877,257
Net income or net expense.....	8,467	11,170	202,823	8,242	129,683	2,140,281
Number of customers.....	4,192	1,127	17,022	793	8,095	113,786

Statements for the Year Ended December 31, 1965

Norwich	Norwood	Oakville	Oil Springs	Omemece	Orangeville	Orillia	Orono	Oshawa
1,666	1,148	50,836	514	788	5,414	14,824	958	73,770
\$ 136,264 57,759	\$ 129,337 47,613	\$ 7,294,009 1,527,677	\$ 77,295 24,610	\$ 87,008 33,226	\$ 535,180 119,446	\$ 5,693,273 1,357,120	\$ 106,614 23,425	\$ 9,990,520 2,607,834
78,505	81,724	5,766,332	52,685	53,782	415,734	4,336,153	83,189	7,382,686
29,055	6,544	606,320	10,259	4,206	538	365	5,319	78,609
7,500	23,000	.....	11,000	5,500	.....	8,914	2,500	400,000
1,795	1,117	114,012	486	605	2,838	83,769	12,987	435,028
38,350	30,661	720,332	21,745	10,311	3,376	93,048	20,806	913,637
5,288	.....	108,018	255	2,908	8,342	66,179	4,266	292,765
57	.....	99,321	.....	.....	1,695	.....	686	21,196
5,345	.....	207,339	255	2,908	10,037	66,179	4,952	313,961
159,731	64,363	1,979,886	84,161	39,924	357,037	267,685	38,237	6,035,112
281,931	176,748	8,673,889	158,846	106,925	786,184	4,763,065	147,184	14,645,396
.....	.....	2,879,822	.....	.....	66,000	434,000	34,300	612,000
13	119	77,513	80	643	15,470	259,381	1,360	722,392
1,367	1,075	187,411	307	418	4,329	447,198	4,163	226,020
1,380	1,194	3,144,746	387	1,061	85,799	1,140,579	39,823	1,560,412
159,731	64,363	1,979,886	84,161	39,924	357,037	267,685	38,237	6,035,112
.....	.....	.....	.....	.....	.....	10,016	.....	.....
159,731	64,363	1,979,886	84,161	39,924	357,037	277,701	38,237	6,035,112
13,756	55,100	832,384	16,721	12,000	29,594	2,178,000	8,687	590,622
.....
104,277	52,709	2,596,577	57,577	52,240	313,754	1,121,214	60,437	6,172,943
2,787	3,382	120,296	.....	1,700	.....	45,571	.....	286,307
120,820	111,191	3,549,257	74,298	65,940	343,348	3,344,785	69,124	7,049,872
281,931	176,748	8,673,889	158,846	106,925	786,184	4,763,065	147,184	14,645,396
65,536	41,030	4,530,812	24,912	34,673	268,079	887,031	45,664	4,601,251
3,955	2,402	145,308	1,571	1,013	5,028	11,305	1,326	228,622
69,491	43,432	4,676,120	26,483	35,686	273,107	898,336	46,990	4,829,873
38,403	30,632	3,393,081	11,879	21,681	182,699	379,185	30,447	3,516,270
.....	.....	.....	.....	.....	.....	149,375	.....	.....
10,477	2,404	190,333	1,261	3,895	13,267	85,331	4,744	285,755
7,476	3,813	244,582	3,280	3,010	32,223	105,179	7,712	334,974
.....	.....	298,178	.....	.....	6,226	153,600	2,379	57,808
5,650	5,133	237,234	2,439	3,229	15,858	121,625	2,817	364,022
.....
62,006	41,982	4,363,408	18,859	31,815	250,273	994,295	48,099	4,558,829
7,485	1,450	312,712	7,624	3,871	22,834	95,959	1,109	271,044
677	428	14,506	246	310	1,973	5,642	386	24,208

Municipal Electrical Utilities Financial

Municipality.....	Ottawa	Otterville	Owen Sound	Paisley	Palmerston	Paris
Population.....	311,637	764	17,955	704	1,675	6,115
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	38,035,929	75,711	1,990,142	73,525	249,575	731,269
Accumulated depreciation.....	8,138,393	25,058	559,194	18,261	64,875	214,766
Net fixed assets.....	29,897,536	50,653	1,430,948	55,264	184,700	516,503
CURRENT ASSETS						
Cash on hand and in bank.....	554,704	1,355	57,063	12,187	7,889	34,219
Investment in government securities	355,000		70,000	11,000		
Accounts receivable (net).....	877,852	575	101,453	1,391	2,824	4,047
Total current assets.....	1,787,556	1,930	228,516	24,578	10,713	38,266
OTHER ASSETS						
Inventory of stores.....	524,631		44,127	260	220	742
Sinking fund on local debentures.....						
Miscellaneous.....	2,634	300	27,907	5,035		
Total other assets.....	527,265	300	72,034	5,295	220	742
Equity in Ontario Hydro Systems.....	11,012,845	51,626	1,551,576	69,888	206,683	551,257
Total.....	43,225,202	104,509	3,283,074	155,025	402,316	1,106,768
LIABILITIES						
Debentures outstanding.....	3,062,000				10,000	71,731
Accounts payable.....	1,099,536	4	14,662	142	1,400	5,538
Other.....		460	14,061	451	2,822	4,799
Total liabilities.....	4,161,536	464	28,723	593	14,222	82,068
RESERVES						
Equity in Ontario Hydro Systems.....	11,012,845	51,626	1,551,576	69,888	206,683	551,257
Other.....	263,403					
Total reserves.....	11,276,248	51,626	1,551,576	69,888	206,683	551,257
CAPITAL						
Debentures redeemed.....	6,828,698	4,500	208,372	13,623	32,000	127,876
Local sinking fund.....						
Accumulated net income invested in plant or held as working funds.....	18,187,617	47,919	1,494,403	70,921	130,548	345,567
Contributed capital.....	2,771,103				18,863	
Total capital.....	27,787,418	52,419	1,702,775	84,544	181,411	473,443
Total.....	43,225,202	104,509	3,283,074	155,025	402,316	1,106,768
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy.....	13,935,878	26,251	773,242	33,064	82,894	285,543
Other.....	374,573	363	48,581	982	127	3,202
Total revenue.....	14,310,451	26,614	821,823	34,046	83,021	288,745
EXPENSE						
Power purchased.....	9,023,761	16,748	502,444	21,256	48,016	176,092
Local generation.....	258,224					
Operation and maintenance.....	1,342,937	2,203	70,809	1,153	7,959	25,724
Administration.....	848,832	2,356	91,313	3,793	12,513	20,628
Fixed charges—interest and principal	560,814		6,367		1,677	8,825
—depreciation.....	1,066,009	2,644	67,617	1,961	6,800	21,156
—other.....	68,850					
Total expense.....	13,169,427	23,951	738,550	28,163	76,965	252,425
Net income or net expense.....	1,141,024	2,663	83,273	5,883	6,056	36,320
Number of customers.....	99,122	288	6,264	327	667	2,134

Statements for the Year Ended December 31, 1965

Parkhill 1,139	Parry Sound 5,902	Pene- tanguishene 5,114	Perth 5,609	Peter- borough 53,424	Petrolia 3,790	Pickering 1,871	Pictou 4,866	Planta- genet 863
\$ 159,589 38,703	\$ 1,097,330 320,842	\$ 380,404 144,007	\$ 615,509 214,410	\$ 8,220,493 2,581,850	\$ 470,153 154,282	\$ 156,557 38,956	\$ 596,199 185,083	\$ 80,113 20,962
120,886	776,488	236,397	401,099	5,638,643	315,871	117,601	411,116	59,151
12,076	7,627	2,313	26,476	325,061	22,903	18,520	10,732	11,019
6,000	16,500	45,000	10,000	.....	15,000	.....	2,000	.....
2,094	4,852	3,439	6,282	235,458	11,663	4,461	5,626	676
20,170	28,979	50,752	42,758	560,519	49,566	22,981	18,358	11,695
1,546	8,628	667	16,093	82,285	28,404	210	22,543	.....
164	3,550	349	584	83,743	.....	2,513	1,992	1,426
1,710	12,178	1,016	16,677	166,028	28,404	2,723	24,535	1,426
120,670	136,638	326,654	522,486	3,870,315	410,377	27,307	457,414	16,864
263,436	954,283	614,819	983,020	10,235,505	804,218	170,612	911,423	89,136
4,500	48,000	.....	.....	1,726,300	.....	58,000	49,000	53,500
817	1,492	4,860	1,663	215,313	2,592	2,426	4,889	600
1,125	11,560	2,283	96	14,138	6,283	1,595	12,705	3,054
6,442	61,052	7,143	1,759	1,955,751	8,875	62,021	66,594	57,154
120,670	136,638 2,310	326,654	522,486	3,870,315	410,377	27,307 140	457,414	16,864
120,670	138,948	326,654	522,486	3,870,315	410,377	27,447	457,414	16,864
25,314	420,500	36,983	85,045	1,192,311	50,000	15,174	64,182	1,500
111,010	333,783	242,695	358,949	3,149,717	334,966	65,750	323,233	13,618
.....	.....	1,344	14,781	67,411	.....	220	.....	.....
136,324	754,283	281,022	458,775	4,409,439	384,966	81,144	387,415	15,118
263,436	954,283	614,819	983,020	10,235,505	804,218	170,612	911,423	89,136
73,247	290,697	152,315	286,412	2,847,835	192,729	69,767	248,250	46,155
1,299	15,179	6,209	3,459	100,134	2,281	3,332	2,148	2,318
74,546	305,876	158,524	289,871	2,947,969	195,010	73,099	250,398	48,473
46,702	134,586	117,873	198,277	1,866,343	94,605	42,011	180,273	26,046
.....	31,465	.....	.....	.....	.....	.....	.....	.....
6,802	33,938	15,547	15,096	282,694	24,241	3,590	20,073	1,677
7,894	31,088	14,170	25,719	235,974	31,227	6,228	21,694	3,348
1,030	6,455	.....	.....	173,899	.....	6,355	4,212	4,601
4,837	29,835	11,863	17,436	265,132	12,022	6,216	16,622	2,991
67,265	267,367	159,453	256,528	2,824,042	162,095	64,400	242,874	38,663
7,281	38,509	929	33,343	123,927	32,915	8,699	7,524	9,810
507	2,145	1,424	2,128	17,108	1,385	553	1,928	243

Municipal Electrical Utilities Financial

Municipality.....	Plattsville	Point Edward	Port Arthur	Port Burwell	Port Colborne	Port Credit
Population.....	513	2,739	46,094	678	17,526	7,846
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	56,660	333,881	6,939,492	97,307	1,649,042	1,004,016
Accumulated depreciation.....	9,916	93,883	2,266,236	41,457	350,292	204,930
Net fixed assets.....	46,744	239,998	4,673,256	55,850	1,298,750	799,086
CURRENT ASSETS						
Cash on hand and in bank.....	17,262	31,654	766,643	8,076	95,980	45,658
Investment in government securities	4,500	5,000	99,208		10,000	13,500
Accounts receivable (net).....	370	5,537	261,101	403	6,477	13,547
Total current assets.....	22,132	42,191	1,126,952	8,479	112,457	72,705
OTHER ASSETS						
Inventory of stores.....	41	217	153,661	110	18,758	13,467
Sinking fund on local debentures.....						
Miscellaneous.....		854	17,348	929	14,507	9,335
Total other assets.....	41	1,071	171,009	1,039	33,265	22,802
Equity in Ontario Hydro Systems.....	68,702	507,067	11,159,423	27,776	858,252	700,777
Total.....	137,619	790,327	17,130,640	93,144	2,302,724	1,595,370
LIABILITIES						
Debentures outstanding.....			284,000	23,800	235,680	28,500
Accounts payable.....	110	2,649	252,176	24	2,657	11,313
Other.....		2,749		3,572	22,823	8,373
Total liabilities.....	110	5,398	536,176	27,396	261,160	48,186
RESERVES						
Equity in Ontario Hydro Systems..	68,702	507,067	11,159,423	27,776	858,252	700,777
Other.....			102,175			
Total reserves.....	68,702	507,067	11,261,598	27,776	858,252	700,777
CAPITAL						
Debentures redeemed.....	5,237	17,000	692,317	16,200	279,979	108,407
Local sinking fund.....						
Accumulated net income invested in plant or held as working funds..	63,570	260,862	4,565,508	21,772	903,333	731,913
Contributed capital.....			75,041			6,087
Total capital.....	68,807	277,862	5,332,866	37,972	1,183,312	846,407
Total.....	137,619	790,327	17,130,640	93,144	2,302,724	1,595,370
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy.....	44,363	302,857	2,642,090	33,094	900,539	837,933
Other.....	476	3,912	88,132	25	9,874	17,003
Total revenue.....	44,839	306,769	2,730,222	33,119	910,413	854,936
EXPENSE						
Power purchased.....	35,197	253,827	1,651,913	13,636	653,832	709,471
Local generation.....			18,972			
Operation and maintenance.....	2,386	9,181	209,211	6,036	66,122	21,391
Administration.....	1,100	25,317	209,877	4,363	83,787	50,778
Fixed charges—interest and principal		78	35,365	2,938	22,637	3,259
—depreciation.....	1,677	9,695	205,123	3,120	44,560	30,925
—other.....						
Total expense.....	40,360	298,098	2,330,461	30,093	870,938	815,824
Net income or net expense.....	4,479	8,671	399,761	3,026	39,475	39,112
Number of customers.....	211	881	14,515	471	5,438	2,750

Statements for the Year Ended December 31, 1965

Port Dover	Port Elgin	Port Hope	Port McNicoll	Port Perry	Port Rowan	Port Stanley	Prescott	Preston
3,189	2,059	8,430	1,178	2,502	793	1,424	5,240	12,500
\$ 378,039 118,564	\$ 317,362 64,595	\$ 1,043,528 341,793	\$ 123,814 25,675	\$ 202,911 46,010	\$ 84,660 21,416	\$ 219,528 95,814	\$ 439,148 150,458	\$ 1,635,587 452,182
259,475	252,767	701,735	98,139	156,901	63,244	123,714	288,690	1,183,405
34,603	4,495	87,105	77	3,900	7,387	8,250	4,542	94,513
3,468	5,616	1,769	25,700	7,000	9,000	20,000	20,000	15,993
38,071	10,111	88,874	7,536	5,480	1,497	3,485	4,848	110,506
157	1,727	39,291	1,636	1,505	76	305	7,051	43,308
230	901	8,260	27	110				2,569
157	1,957	40,192	9,896	1,532	186	305	7,051	45,877
224,642	157,357	784,137	94,899	150,024	46,069	204,970	386,273	1,269,389
522,345	422,192	1,614,938	236,247	324,837	118,383	349,724	711,404	2,609,177
52,372	6,000			7,000				102,020
1,500	1,256	9,622	6,422	9,305	191	8	4,220	15,905
9,858	3,350	36,534	527	2,617	884	1,535	4,735	16,751
63,730	4,606	52,156	6,949	11,922	8,075	1,543	8,955	134,676
224,642	157,357	784,137	94,899	150,024	46,069	204,970	386,273	1,269,389
224,642	157,357	784,137	94,899	150,024	46,069	204,970	386,273	1,269,389
56,155	34,787	238,000	9,804	19,882	11,000	18,950	23,981	374,263
177,818	218,202	540,645	124,595	143,009	53,239	124,261	277,442	820,118
4,240							14,753	10,731
233,973	260,229	778,645	134,399	162,891	64,239	143,211	316,176	1,205,112
522,345	422,192	1,614,938	236,247	324,837	118,383	349,724	711,404	2,609,177
176,112	143,672	470,976	61,923	106,817	26,094	84,992	209,380	641,956
3,051	2,732	11,037	2,275	2,246	1,173	1,480	8,909	9,505
179,163	146,404	482,013	64,198	109,063	27,267	86,472	218,289	651,461
106,740	87,744	318,944	48,606	77,614	15,914	50,273	160,997	398,751
19,312	13,429	42,937	5,167	4,388	3,173	16,954	10,708	42,049
14,391	14,882	55,831	6,195	10,202	1,684	10,973	21,208	49,765
6,711		8,211			394			22,975
12,447	8,600	32,677	3,191	6,570	2,411	7,128	15,777	52,467
159,601	124,655	458,600	63,159	98,774	23,576	85,328	208,690	566,007
19,562	21,749	23,413	1,039	10,289	3,691	1,144	9,599	85,454
1,538	1,176	2,930	570	912	351	1,149	1,822	3,948

Municipal Electrical Utilities Financial

Municipality	Priceville	Princeton	Queenston	Rainy River	Red Rock	Renfrew
Population	138	424	524	1,134	1,943	8,636
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost	20,380	40,873	50,075	107,670	111,396	1,690,124
Accumulated depreciation	7,850	10,953	12,930	59,992	40,025	439,939
Net fixed assets	12,530	29,920	37,136	47,678	71,371	1,250,185
CURRENT ASSETS						
Cash on hand and in bank	5,132	6,685	5,763	46,602	17,074	25,444
Investment in government securities	3,000	3,000	10,000		10,742	
Accounts receivable (net)	145	257	1,637	1,682	682	3,575
Total current assets	8,277	9,942	17,400	48,284	28,498	29,019
OTHER ASSETS						
Inventory of stores				1,389	1,738	15,391
Sinking fund on local debentures						
Miscellaneous				330	1,833	1,089
Total other assets				1,719	3,571	16,480
Equity in Ontario Hydro Systems	6,486	49,045	43,122	9,455	61,182	252,849
Total	27,293	88,907	97,658	107,136	164,622	1,548,533
LIABILITIES						
Debentures outstanding	1,675	500			3,900	115,112
Accounts payable	426	107	413	12	377	2,198
Other		388	270	530	360	10,595
Total liabilities	2,101	995	683	542	4,637	127,905
RESERVES						
Equity in Ontario Hydro Systems	6,486	49,045	43,122	9,455	61,182	252,849
Other						
Total reserves	6,486	49,045	43,122	9,455	61,182	252,849
CAPITAL						
Debentures redeemed	10,491	5,495	9,500	26,087	27,300	656,124
Local sinking fund						
Accumulated net income invested in plant or held as working funds	8,215	33,372	44,120	71,052	71,503	511,655
Contributed capital			233			
Total capital	18,706	38,867	53,853	97,139	98,803	1,167,779
Total	27,293	88,907	97,658	107,136	164,622	1,548,533
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy	4,884	20,350	21,045	52,213	45,479	375,968
Other	253	283	917	2,497	1,439	2,134
Total revenue	5,137	20,633	21,962	54,710	46,918	378,102
EXPENSE						
Power purchased	2,723	13,568	15,835	30,617	33,422	214,822
Local generation						25,941
Operation and maintenance	470	1,114	1,754	8,816	3,068	23,839
Administration	577	1,355	1,354	11,247	4,203	34,351
Fixed charges—interest and principal	426	295			2,155	19,793
—depreciation	683	1,275	1,732	3,747	3,640	38,156
—other						
Total expense	4,879	17,607	20,675	54,427	46,488	356,902
Net income or net expense	258	3,026	1,287	283	430	21,200
Number of customers	75	177	184	431	360	2,880

Statements for the Year Ended December 31, 1965

Richmond	Richmond Hill	Ridgetown	Ripley	Riverside	Rockland	Rockwood	Rodney	Rosseau
1,266	19,474	2,695	420	20,000	3,415	827	1,099	216
\$	\$	\$	\$	\$	\$	\$	\$	\$
119,726	1,653,429	277,340	58,814	1,243,563	188,846	66,573	81,316	30,250
19,561	375,632	59,279	10,711	350,272	34,751	13,038	30,958	8,227
100,165	1,277,797	218,061	48,103	893,291	154,095	53,535	50,358	22,023
20,975	229,826	6,625	2,257	200	4,925	7,342	6,055	4,398
.....	.....	.....	8,000	.....	.....	.....	1,200	2,500
3,028	36,040	3,063	346	37,891	6,242	1,982	731	209
24,003	265,866	9,688	10,603	38,091	11,167	9,324	7,986	7,107
.....	22,860	520	.....	32,220	5,512	121	90	.....
.....
14	11,005	1,940	1,839	39,043	1,911	2,965	.....	.....
14	33,865	2,460	1,839	71,263	7,423	3,086	90	.....
43,802	515,182	218,095	50,914	665,835	53,361	59,254	77,515	21,107
167,984	2,092,710	448,304	111,459	1,668,480	226,046	125,199	135,949	50,237
18,000	496,465	30,827	.....	88,600	33,000	4,775	.....	.....
39	18,971	1,204	.....	43,097	14,634	2,972	116	.....
656	47,710	7,036	410	24,506	6,026	723	660	3
18,695	563,146	39,067	410	156,203	53,660	8,470	776	3
43,802	515,182	218,095	50,914	665,835	53,361	59,254	77,515	21,107
214	.....	.....	.....	.....	.....	.....	.....	.....
44,016	515,182	218,095	50,914	665,835	53,361	59,254	77,515	21,107
16,887	220,249	49,162	12,744	180,759	12,000	7,554	8,500	11,933
.....
86,086	786,131	141,980	47,391	665,683	107,025	49,921	49,158	17,194
2,300	8,002	.....	.....	.....	.....	.....	.....	.....
105,273	1,014,382	191,142	60,135	846,442	119,025	57,475	57,658	29,127
167,984	2,092,710	448,304	111,459	1,668,480	226,046	125,199	135,949	50,237
48,842	815,899	129,394	23,284	574,325	86,639	29,394	45,432	11,033
1,277	39,338	1,991	442	13,110	530	882	779	358
50,119	855,237	131,385	23,726	587,435	87,169	30,276	46,211	11,391
34,009	545,710	82,026	16,514	369,262	57,729	18,855	26,079	6,522
.....
2,457	36,590	13,617	1,148	56,934	7,026	1,905	4,947	813
2,090	60,774	16,534	1,643	76,364	6,025	3,970	7,224	866
1,928	61,861	5,200	.....	14,935	4,378	589	.....	.....
3,156	62,151	7,577	1,639	30,116	5,113	1,960	2,928	928
.....
43,640	767,086	124,954	20,944	547,611	80,271	27,279	41,178	9,129
6,479	88,151	6,431	2,782	39,824	6,898	2,997	5,033	2,262
388	5,383	1,125	215	5,936	887	308	445	128

Municipal Electrical Utilities Financial

Municipality.....	Russell	St. Catharines	St. Clair Beach	St. George	St. Jacobs	St. Mary's
Population.....	581	91,376	1,628	859	859	4,598
A BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	57,035	10,702,253	122,107	65,096	70,512	719,616
Accumulated depreciation.....	13,969	2,155,321	38,557	14,310	15,836	180,356
Net fixed assets.....	43,066	8,546,932	83,550	50,786	54,676	539,260
CURRENT ASSETS						
Cash on hand and in bank.....	12,665	273,643	30,987	5,245	14,677	61,823
Investment in government securities.....				6,000	2,000	42,500
Accounts receivable (net).....	647	538,467	255	1,249	1,383	3,455
Total current assets.....	13,312	812,110	31,242	12,494	18,060	107,778
OTHER ASSETS						
Inventory of stores.....		274,055		90		12,101
Sinking fund on local debentures.....						
Miscellaneous.....	410	72,209				
Total other assets.....	410	346,264		90		12,101
Equity in Ontario Hydro Systems.....	37,266	8,084,228	56,756	71,776	92,727	815,589
Total.....	94,054	17,789,534	171,548	135,146	165,463	1,474,728
LIABILITIES						
Debentures outstanding.....		13,500				21,994
Accounts payable.....	8	1,179,684	1,688	217	2,319	1,016
Other.....	92	103,241	325	836		7,339
Total liabilities.....	100	1,296,425	2,013	1,053	2,319	30,349
RESERVES						
Equity in Ontario Hydro Systems..	37,266	8,084,228	56,756	71,776	92,727	815,589
Other.....						
Total reserves.....	37,266	8,084,228	56,756	71,776	92,727	815,589
CAPITAL						
Debentures redeemed.....	8,808	390,209	17,694	6,000	6,000	168,214
Local sinking fund.....						
Accumulated net income invested in plant or held as working funds..	47,880	7,752,183	86,841	56,119	64,417	458,670
Contributed capital.....		266,489	8,244	198		1,906
Total capital.....	56,688	8,408,881	112,779	62,317	70,417	628,790
Total	94,054	17,789,534	171,548	135,146	165,463	1,474,728
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy.....	21,262	5,796,225	52,039	34,616	39,688	684,404
Other.....	218	76,151	924	684	309	5,430
Total revenue.....	21,480	5,872,376	52,963	35,300	39,997	689,834
EXPENSE						
Power purchased.....	14,914	4,310,667	29,477	26,263	26,496	603,157
Local generation.....						
Operation and maintenance.....	1,035	297,985	4,363	2,036	2,020	25,800
Administration.....	2,149	326,203	5,207	2,072	2,518	24,122
Fixed charges—interest and principal.....		26,916				5,144
—depreciation.....	1,708	284,338	3,927	1,989	2,104	18,270
—other.....						
Total expense.....	19,806	5,246,109	42,974	32,360	33,138	676,493
Net income or net expense.....	1,674	626,267	9,989	2,940	6,859	13,341
Number of customers.....	217	28,316	477	297	278	1,728

Statements for the Year Ended December 31, 1965

St. Thomas	Sandwich East Twp.	Sandwich West Twp.	Sarnia	Scarborough Twp.	Schreiber Twp.	Seaforth	Shelburne	Simcoe
22,691	22,500	32,500	51,547	262,491	2,212	2,249	1,302	9,875
\$ 2,762,975 795,988	\$ 1,865,135 570,891	\$ 2,817,051 759,413	\$ 7,081,547 1,841,914	\$ 27,939,857 5,814,889	\$ 182,746 51,110	\$ 330,506 70,377	\$ 151,098 55,455	\$ 1,035,763 307,253
1,966,987	1,294,244	2,057,638	5,239,633	22,124,968	131,636	260,129	95,643	728,510
44,776	28,911	137,373	726,549	1,067,532	18,786	23,333	22,200	11,528
35,000	127,508	.....	.....	125,000	20,000	9,000	14,000	.....
88,405	123,897	44,765	184,226	721,730	4,347	2,963	1,850	23,445
168,181	280,316	182,138	910,775	1,914,262	43,133	35,296	38,050	34,973
70,735	48,001	62,097	184,796	258,758	890	431	807	1,135
.....	.....	.....	.....	1,851,242	.....	.....	.....	.....
3,381	34,082	61,806	52,456	174,045	.....	337	249	39,693
74,116	82,083	123,903	237,252	2,284,045	890	768	1,056	40,828
2,361,489	389,061	723,164	7,171,507	7,405,887	82,921	256,960	123,508	840,140
4,570,773	2,045,704	3,086,843	13,559,167	33,729,162	258,580	553,153	258,257	1,644,451
175,000	710,000	778,200	714,300	8,806,251	.....	15,300	.....	.....
60	25,667	5,005	267,959	1,072,197	182	5,104	656	1,318
67,226	37,844	38,797	117,921	739,689	.....	4,897	211	13,639
242,286	773,511	822,002	1,100,180	10,618,137	182	25,301	867	14,957
2,361,489	389,061	723,164	7,171,507	7,405,887	82,921	256,960	123,508	840,140
.....
2,361,489	389,061	723,164	7,171,507	7,405,887	82,921	256,960	123,508	840,140
163,733	324,108	517,300	802,091	3,096,217	50,000	59,140	16,991	75,435
.....	.....	.....	.....	1,851,242	.....	.....	.....	.....
1,803,265	512,820	1,020,559	4,410,192	10,003,756	125,477	211,252	116,891	713,326
.....	46,204	3,818	75,197	753,923	.....	500	.....	593
1,966,998	883,132	1,541,677	5,287,480	15,705,138	175,477	270,892	133,882	789,354
4,570,773	2,045,704	3,086,843	13,559,167	33,729,162	258,580	553,153	258,257	1,644,451
1,242,384	873,550	1,463,455	7,792,703	10,850,572	88,947	116,146	63,487	533,035
13,354	16,598	17,625	80,225	469,432	1,242	1,999	1,365	14,398
1,255,738	890,148	1,481,080	7,872,928	11,320,004	90,189	118,145	64,852	547,433
757,514	455,773	882,657	6,342,929	7,563,399	59,529	67,888	44,064	421,198
198,939	93,842	160,331	431,088	661,443	6,685	12,339	2,187	39,814
101,969	126,314	91,371	296,517	734,667	10,375	12,319	5,821	29,228
16,978	85,836	109,029	93,392	955,091	.....	3,064	.....	.....
71,871	49,522	91,033	184,488	913,709	5,164	9,073	5,311	31,055
.....
1,147,271	811,287	1,334,421	7,348,414	10,828,309	81,753	104,683	57,383	521,295
108,467	78,861	146,659	524,514	491,695	8,436	13,462	7,469	26,138
8,208	6,751	8,999	15,852	75,591	669	905	624	3,694

Municipal Electrical Utilities Financial

Municipality	Sioux Lookout	Smith's Falls	Smithville	Southamp- ton	South River	Springfield
Population	2,718	9,878	899	1,759	943	518
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost	280,198	1,090,990	101,802	276,412	149,320	48,186
Accumulated depreciation	69,217	325,120	25,382	64,156	48,507	18,995
Net fixed assets	210,981	765,870	76,420	212,256	100,813	29,191
CURRENT ASSETS						
Cash on hand and in bank	27,049	82,157	5,036	7,567	9,374	6,225
Investment in government securities	5,000	20,000	3,000	10,053	.....	500
Accounts receivable (net)	4,543	7,766	504	1,550	103	322
Total current assets	36,592	109,923	8,540	19,170	9,477	7,047
OTHER ASSETS						
Inventory of stores	7,895	20,266	.....	8,738	.....	.....
Sinking fund on local debentures . .	.....	.....	.....	.....	.....	.....
Miscellaneous	9,358	.....	.....	.....	10,293	.....
Total other assets	17,253	20,266	.....	8,738	10,293	.....
Equity in Ontario Hydro Systems . . .	29,729	820,823	55,090	148,408	6,582	41,316
Total	294,555	1,716,882	140,050	388,572	127,165	77,554
LIABILITIES						
Debentures outstanding . . . . .	.....	.....	.....	.....	79,000	.....
Accounts payable	81	.....	586	46	4,656	230
Other	4,529	.....	408	541	5,955	360
Total liabilities	4,610	.....	994	587	89,611	590
RESERVES						
Equity in Ontario Hydro Systems . .	29,729	820,823	55,090	148,408	6,582	41,316
Other . . . . .	.....	.....	.....	.....	.....	.....
Total reserves	29,729	820,823	55,090	148,408	6,582	41,316
CAPITAL						
Debentures redeemed . . . . .	.....	147,662	15,000	42,523	11,000	9,500
Local sinking fund . . . . .	.....	.....	.....	.....	.....	.....
Accumulated net income invested in plant or held as working funds . .	260,216	748,397	67,942	197,054	19,972	26,148
Contributed capital . . . . .	.....	.....	1,024	.....	.....	.....
Total capital	260,216	896,059	83,966	239,577	30,972	35,648
Total	294,555	1,716,882	140,050	388,572	127,165	77,554
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy	149,369	523,369	50,270	109,511	42,297	16,421
Other	1,243	4,171	1,434	3,602	85	95
Total revenue	150,612	527,540	51,704	113,113	42,382	16,516
EXPENSE						
Power purchased	95,608	332,973	30,316	67,087	20,411	10,511
Local generation . . . . .	.....	.....	.....	.....	.....	.....
Operation and maintenance	21,416	37,237	5,356	16,189	2,927	787
Administration	21,905	37,678	9,124	8,994	6,192	1,249
Fixed charges—interest and principal	.....	.....	.....	506	7,800	.....
—depreciation	7,341	29,016	3,431	8,342	3,902	1,626
—other . . . . .	.....	.....	.....	.....	.....	.....
Total expense	146,270	436,904	48,227	101,118	41,232	14,173
Net income or net expense	4,342	90,636	3,477	11,995	1,150	2,343
Number of customers	953	3,514	390	1,276	332	184

Statements for the Year Ended December 31, 1965

Stayner	Stirling	Stoney Creek	Stouffville	Stratford	Strathroy	Streetsville	Sturgeon Falls	Sudbury
1,716	1,304	7,235	3,604	22,815	5,564	5,780	6,670	80,592
\$ 179,416 35,433	\$ 163,026 45,955	\$ 480,668 118,349	\$ 343,212 76,530	\$ 3,858,282 674,605	\$ 747,167 236,535	\$ 452,932 99,247	\$ 478,844 113,346	\$ 8,042,124 2,219,092
143,983	117,071	362,319	266,682	3,183,677	510,632	353,685	365,498	5,823,032
4,163	7,872	65,397	66,308	2,000	7,749	101,123	9,295	717,102
2,578	476	3,359	4,332	150,000	88,216	6,027	11,060	548,875
6,741	8,348	68,756	70,640	240,216	13,776	106,217	20,355	1,580,860
333	1,110	84	736	160,017	2,082	444		88,619
215			1,530	37,628	1,418	938	10,261	146,567
333	1,325	84	2,266	197,645	3,500	1,382	10,261	235,186
113,991	91,870	196,998	183,496	2,613,416	482,550	183,875	58,028	754,022
265,048	218,614	628,157	523,084	6,234,954	1,010,458	645,159	454,142	8,393,100
	3,815	23,885	51,936	994,000	72,200	81,348	125,170	1,551,800
121	377	474	4,091	242,321	10,610	7,045	10,227	282,402
1,383	1,783	9,363	3,020	64,735	8,222	11,436	22,782	346,021
1,504	5,975	33,722	59,047	1,301,056	91,032	99,829	158,179	2,180,223
113,991	91,870	196,998	183,496	2,613,416	482,550	183,875	58,028	754,022
						711		3,768
113,991	91,870	196,998	183,496	2,613,416	482,550	184,586	58,028	757,790
9,557	19,185	54,575	31,865	531,800	71,131	72,067	49,830	1,182,251
136,221	101,584	338,381	238,172	1,727,004	363,989	272,298	188,105	4,272,836
3,775		4,481	10,504	61,678	1,756	16,379		
149,553	120,769	397,437	280,541	2,320,482	436,876	360,744	237,935	5,455,087
265,048	218,614	628,157	523,084	6,234,954	1,010,458	645,159	454,142	8,393,100
74,229	64,348	278,436	168,137	1,315,690	327,881	236,253	221,383	3,109,454
1,718	674	11,542	8,361	45,470	1,661	8,030	4,844	257,551
75,947	65,022	289,978	176,498	1,361,160	329,542	244,283	226,227	3,367,005
50,831	41,816	183,200	113,005	793,128	207,084	167,507	137,039	1,935,768
3,227	7,441	12,071	6,840	155,623	38,478	10,411	18,964	391,379
5,473	5,779	31,504	16,196	126,452	34,354	16,930	28,235	383,943
	692	5,431	5,729	89,981	8,170	10,155	14,745	142,518
4,922	4,318	18,547	11,422	96,645	18,507	13,385	16,081	301,082
64,453	60,046	250,753	153,192	1,261,829	306,593	218,388	215,064	3,154,690
11,494	4,976	39,225	23,306	99,331	22,949	25,895	11,163	212,315
736	561	2,169	1,246	7,332	1,954	1,577	1,716	25,296

Municipal Electrical Utilities Financial

Municipality.....	Sunderland	Sundridge	Sutton	Swansea	Tara	Tavistock
Population.....	599	786	1,377	9,577	550	1,251
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	63,151	90,079	176,685	913,017	59,599	168,750
Accumulated depreciation.....	16,464	17,635	20,859	314,955	16,113	66,992
Net fixed assets.....	46,687	72,444	155,826	598,062	43,486	101,758
CURRENT ASSETS						
Cash on hand and in bank.....	8,635	2,575	24,012	183,430	4,540	31,858
Investment in government securities	2,000	19,000			8,000	
Accounts receivable (net).....	489	1,117	8,821	2,790	176	1,132
Total current assets.....	11,124	22,692	32,833	186,220	12,716	32,990
OTHER ASSETS						
Inventory of stores.....	30	89	860	13,660	81	282
Sinking fund on local debentures.....						
Miscellaneous.....		1,982		1,590	2,284	
Total other assets.....	30	2,071	860	15,250	2,365	282
Equity in Ontario Hydro Systems.....	50,137	22,678	139,445	724,106	54,609	200,788
Total.....	107,978	119,885	328,964	1,523,638	113,176	335,818
LIABILITIES						
Debentures outstanding.....		16,251		13,168		13,638
Accounts payable.....	131	1,030	3,595	9,349	161	389
Other.....	105	166	2,791	16,994	160	1,187
Total liabilities.....	236	17,447	6,386	39,511	321	15,214
RESERVES						
Equity in Ontario Hydro Systems..	50,137	22,678	139,445	724,106	54,609	200,788
Other.....						
Total reserves.....	50,137	22,678	139,445	724,106	54,609	200,788
CAPITAL						
Debentures redeemed.....	4,628	18,749	26,000	234,390	14,264	21,646
Local sinking fund.....						
Accumulated net income invested in plant or held as working funds..	52,977	61,011	129,336	525,181	43,982	98,170
Contributed capital.....			27,797	450		
Total capital.....	57,605	79,760	183,133	760,021	58,246	119,816
Total.....	107,978	119,885	328,964	1,523,638	113,176	335,818
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy.....	25,914	36,803	101,263	434,629	32,725	60,196
Other.....	830	1,046	916	32,627	840	3,505
Total revenue.....	26,744	37,849	102,179	467,256	33,565	63,701
EXPENSE						
Power purchased.....	19,553	25,378	63,300	294,823	23,076	37,283
Local generation.....						
Operation and maintenance.....	1,292	3,627	3,668	58,780	1,814	4,267
Administration.....	2,124	3,351	10,245	43,732	1,723	4,862
Fixed charges—interest and principal		2,808		13,728		2,260
—depreciation.....	2,214	2,270	4,477	37,963	2,144	5,895
—other.....						
Total expense.....	25,183	37,434	81,690	449,026	28,757	54,567
Net income or net expense.....	1,561	415	20,489	18,230	4,808	9,134
Number of customers.....	274	324	933	3,609	266	522

Statements for the Year Ended December 31, 1965

Tecumseh	Teeswater	Terrace Bay Twp.	Thamesford	Thamesville	Thedford	Thessalon	Thornbury	Thorndale
4,641	938	1,882	1,343	1,001	683	1,701	1,210	405
\$ 291,794 113,437	\$ 110,811 22,833	\$ 284,860 58,081	\$ 124,844 33,477	\$ 129,162 47,874	\$ 73,668 18,784	\$ 167,396 38,030	\$ 202,849 30,951	\$ 40,963 17,478
178,357	87,978	226,779	91,367	81,288	54,884	129,366	171,898	23,485
28,580	3,500	33,558	18,115	15,764	4,998	20,394	8,080	8,647
10,953	99	371	620	1,226	3,383	1,099	8,258	1,340
39,533	3,599	33,929	18,735	23,858	11,381	21,493	20,263	12,987
23,361	70			431	14		3,279	
	1,950	5,300	69			4,684	443	60
23,361	2,020	5,300	69	431	14	4,684	3,722	60
184,468	87,599	118,919	94,025	103,287	63,274	17,491	52,311	38,209
425,719	181,196	384,927	204,196	208,864	129,553	173,034	248,194	74,741
		19,500	1,200			39,500	13,650	
2,499	1,210	542	367	575		769	380	9
2,605	104		4,522	1,416	379	3,503	215	248
5,104	1,314	20,042	6,089	1,991	379	43,772	14,245	257
184,468	87,599	118,919	94,025	103,287	63,274	17,491	52,311	38,209
184,468	87,599	118,919	94,025	103,287	63,274	17,491	52,311	38,209
26,000	21,296	58,500	7,158	11,188	16,500	25,500	72,350	3,086
205,079	70,987	187,466	95,704	89,922	48,844	86,271	107,056	33,189
5,068			1,220	2,476	556		2,232	
236,147	92,283	245,966	104,082	103,586	65,900	111,771	181,638	36,275
425,719	181,196	384,927	204,196	208,864	129,553	173,034	248,194	74,741
137,009	52,662	85,967	67,494	56,023	33,802	79,073	85,066	16,244
2,867	323	4,298	3,264	1,814	291	452	1,127	907
139,876	52,985	90,265	70,758	57,837	34,093	79,525	86,193	17,151
79,933	41,609	55,922	49,057	41,007	23,805	39,937	57,033	10,391
18,901	3,519	3,779	1,637	4,045	2,141	7,020	8,820	1,436
22,998	3,081	7,858	5,269	7,168	2,357	12,487	7,837	1,876
		4,777	247			5,034	2,377	
8,942	3,071	7,149	5,435	4,391	2,245	4,656	4,852	1,891
130,774	51,280	79,485	61,645	56,611	30,548	69,134	80,919	15,594
9,102	1,705	10,780	9,113	1,226	3,545	10,391	5,274	1,557
1,373	385	461	445	443	306	509	571	138

Municipal Electrical Utilities Financial

Municipality.....	Thornton	Thorold	Tilbury	Tillsonburg	Toronto	Toronto Twp.
Population.....	319	8,698	3,187	6,682	662,478	82,476
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	26,419	772,685	326,286	971,793	111,034,602	13,005,789
Accumulated depreciation.....	10,074	204,539	119,869	210,995	32,284,258	2,052,216
Net fixed assets.....	16,345	568,146	206,417	760,798	78,750,344	10,953,573
CURRENT ASSETS						
Cash on hand and in bank.....	2,747	216,173	6,262	112,935	5,350,800	62,219
Investment in government securities.....					982,945	8,000
Accounts receivable (net).....	171	6,080	4,138	7,073	4,815,085	327,571
Total current assets.....	2,918	222,253	10,400	120,008	11,148,830	397,790
OTHER ASSETS						
Inventory of stores.....		22,075	708	18,145	2,469,543	413,114
Sinking fund on local debentures.....					2,205,026	
Miscellaneous.....		2,332	474	3,392	5,964,638	174,452
Total other assets.....		24,407	1,182	21,537	10,639,207	587,566
Equity in Ontario Hydro Systems.....	18,569	1,072,470	284,718	542,346	98,812,417	3,454,346
Total	37,832	1,887,276	502,717	1,444,689	199,350,798	15,393,275
LIABILITIES						
Debentures outstanding.....		62,742	24,000	44,500	11,826,050	690,187
Accounts payable.....	120	3,241	1,343	14,314	3,209,429	727,359
Other.....	62	11,092	5,928	25,318	721,718	723,332
Total liabilities.....	182	77,075	31,271	84,132	15,757,197	2,140,878
RESERVES						
Equity in Ontario Hydro Systems..	18,569	1,072,470	284,718	542,346	98,812,417	3,454,346
Other.....					534,425	
Total reserves.....	18,569	1,072,470	284,718	542,346	99,346,842	3,454,346
CAPITAL						
Debentures redeemed.....	7,200	65,343	40,000	163,103	33,101,934	893,471
Local sinking fund.....					2,205,026	
Accumulated net income invested in plant or held as working funds..	11,881	668,314	146,728	655,108	46,790,069	6,505,568
Contributed capital.....		4,074			2,149,730	2,399,012
Total capital.....	19,081	737,731	186,728	818,211	84,246,759	9,798,051
Total	37,832	1,887,276	502,717	1,444,689	199,350,798	15,393,275
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy.....	9,479	845,715	133,671	426,529	43,539,474	5,899,710
Other.....		7,450	1,295	9,562	1,095,342	109,037
Total revenue	9,479	853,165	134,966	436,091	44,634,816	6,008,747
EXPENSE						
Power purchased.....	6,101	660,051	85,065	267,071	26,335,049	4,091,132
Local generation.....						
Operation and maintenance.....	478	42,995	11,122	43,965	5,453,160	322,026
Administration.....	603	41,637	15,673	32,002	4,726,336	368,634
Fixed charges—interest and principal.....		9,538	4,679	8,898	1,186,025	142,264
—depreciation.....	917	20,404	9,405	26,206	3,397,164	339,254
—other.....					9,600	
Total expense	8,099	774,625	125,944	378,142	41,107,334	5,263,310
Net income or net expense	1,380	78,540	9,022	57,949	3,527,482	745,437
Number of customers.....	108	2,594	1,114	2,635	214,482	23,874

Statements for the Year Ended December 31, 1965

Tottenham	Trenton	Tweed	Uxbridge	Vankleek Hill	Victoria Harbour	Walkerton	Wallace-burg	Wardsville
776	14,115	1,443	2,598	1,756	1,031	4,222	10,468	305
\$ 48,256 17,522	\$ 1,813,093 518,577	\$ 190,923 48,999	\$ 277,529 67,974	\$ 160,040 49,133	\$ 90,241 20,683	\$ 424,547 86,168	\$ 1,254,762 429,097	\$ 38,508 11,550
30,734	1,294,516	141,924	209,555	110,907	69,558	338,379	825,665	26,958
5,731	63,924	.....	5,147	8,147	6,145	7,598	4,401	5,327
15,085	10,000	11,000	2,906	30,000	.....	6,000	.....	1,500
1,950	21,565	591	1,811	57	3,486	816	56,356	1,325
22,766	95,489	11,591	9,864	38,204	9,631	14,414	60,757	8,152
187	48,562	.....	3,571	.....	897	13,465	111,475	.....
899	782	816	400	3,248	98	.....	.....	.....
1,086	49,344	816	3,971	3,248	995	13,465	111,475	.....
61,525	1,268,979	116,039	176,824	29,970	41,309	276,906	1,265,634	25,407
116,111	2,708,328	270,370	400,214	182,329	121,493	643,164	2,263,531	60,517
.....	138,000	.....	29,200	23,300	5,400	.....	.....	.....
42	11,080	3,333	6,529	200	2,465	6,636	862	24
818	16,532	780	3,065	2,070	270	4,009	10,384	140
860	165,612	4,113	38,794	25,570	8,135	10,645	11,246	164
61,525	1,268,979	116,039	176,824	29,970	41,309	276,906	1,265,634	25,407
.....
61,525	1,268,979	116,039	176,824	29,970	41,309	276,906	1,265,634	25,407
21,435	176,587	19,000	16,143	22,700	13,479	56,749	71,537	7,562
.....
32,291	1,093,365 3,785	131,218	168,453	104,089	58,570	298,864	915,114	24,394 2,990
53,726	1,273,737	150,218	184,596	126,789	72,049	355,613	986,651	34,946
116,111	2,708,328	270,370	400,214	182,329	121,493	643,164	2,263,531	60,517
26,803	850,553	81,698	134,786	53,931	38,254	213,585	613,994	12,862
1,042	33,953	3,404	2,711	3,087	262	5,335	4,018	69
27,845	884,506	85,102	137,497	57,018	38,516	218,920	618,012	12,931
17,696	642,253	60,373	106,690	33,410	22,656	161,518	464,816	8,030
2,138	36,011	4,473	6,524	4,997	4,471	13,690	45,440	1,134
2,856	62,521	6,577	10,972	5,931	4,373	19,635	50,258	1,027
.....	20,052	.....	2,536	3,601	1,183	.....	.....	.....
1,761	62,047	7,173	9,752	5,795	2,595	13,373	33,205	1,178
24,451	822,884	78,596	136,474	53,734	35,278	208,216	593,719	11,369
3,394	61,622	6,506	1,023	3,284	3,238	10,704	24,293	1,562
281	4,641	664	939	575	535	1,478	3,563	156

Municipal Electrical Utilities Financial

Municipality.....	Warkworth	Wasaga Beach	Waterdown	Waterford	Waterloo	Watford
Population.....	547	468	1,925	2,382	27,953	1,286
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	57,726	193,155	204,938	186,828	3,827,128	116,317
Accumulated depreciation.....	16,063	66,033	51,921	54,874	755,687	43,526
Net fixed assets.....	41,663	127,122	153,017	131,954	3,071,441	72,791
CURRENT ASSETS						
Cash on hand and in bank.....	3,577	47,972	8,951	33,960	22,819	10,660
Investment in government securities						18,132
Accounts receivable (net).....	274	1,372	1,208	1,038	32,758	3,098
Total current assets.....	3,851	49,344	10,159	34,998	55,577	31,890
OTHER ASSETS						
Inventory of stores.....		78		509	179,020	931
Sinking fund on local debentures						
Miscellaneous.....	372	5,886	642		1,354	67
Total other assets.....	372	5,964	642	509	180,374	998
Equity in Ontario Hydro Systems.....	32,657	38,364	119,026	163,954	1,770,517	160,761
Total.....	78,543	220,794	282,844	331,415	5,077,909	266,440
LIABILITIES.....						
Debentures outstanding.....	6,030	36,000	18,000	26,000	997,000	
Accounts payable.....	1,194	37	693	320	47,501	135
Other.....	284	3,805	1,511	3,616	155,693	891
Total liabilities.....	7,508	39,842	20,204	29,936	1,200,194	1,026
RESERVES						
Equity in Ontario Hydro Systems	32,657	38,364	119,026	163,954	1,770,517	160,761
Other.....						
Total reserves.....	32,657	38,364	119,026	163,954	1,770,517	160,761
CAPITAL						
Debentures redeemed.....	8,743	74,000	19,632	16,123	657,627	9,056
Local sinking fund.....						
Accumulated net income invested in plant or held as working funds	29,635	67,917	120,872	116,971	1,295,023	95,597
Contributed capital.....		671	3,110	4,431	154,548	
Total capital.....	38,378	142,588	143,614	137,525	2,107,198	104,653
Total	78,543	220,794	282,844	331,415	5,077,909	266,440
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy.....	19,926	74,873	82,963	103,945	1,601,735	91,091
Other.....	340	2,149	2,199	659	17,025	952
Total revenue.....	20,266	77,022	85,162	104,604	1,618,760	92,043
EXPENSE						
Power purchased.....	12,840	36,782	50,970	58,867	981,538	69,282
Local generation.....						
Operation and maintenance.....	1,676	7,086	7,835	14,834	128,826	4,017
Administration.....	1,793	11,190	8,070	7,312	119,227	11,360
Fixed charges—interest and principal	642	7,631	3,049	2,874	147,494	
—depreciation.....	1,969	5,855	7,150	5,239	100,830	3,309
—other.....						
Total expense.....	18,920	68,544	77,074	89,126	1,477,915	87,968
Net income or net expense.....	1,346	8,478	8,088	15,478	140,845	4,075
Number of customers.....	246	1,001	611	872	8,101	542

Statements for the Year Ended December 31, 1965

Waubau- shene 1,450	Webbwood 594	Welland 37,892	Wellesley 661	Wellington 1,010	West Ferris Twp. 6,339	West Lorne 1,065	Weston 10,360	Westport 646
\$ 67,611 14,355	\$ 46,773 9,201	\$ 3,930,592 1,161,175	\$ 70,544 13,981	\$ 93,748 31,707	\$ 832,310 161,382	\$ 145,503 52,183	\$ 1,661,032 424,365	\$ 52,847 8,794
53,256	37,572	2,769,417	56,563	62,041	670,928	93,320	1,236,667	44,053
6,072	8,595	394,687	5,327	7,669	76,161	14,542	100,248	4,886
1,477	147	10,000	9,000	7,000	14,948	14,948	3,500	41
59,932	59,932	59,932	27	97	9,314	1,576	31,413	41
7,549	8,742	464,619	14,354	14,766	85,475	31,066	131,661	8,427
279	100	55,399	67	650	7,671	304	27,348	.....
3,609	3,609	22,693	.....	.....	12,634	5,145	56,715	.....
279	3,709	78,092	67	650	20,305	5,449	88,754	.....
36,383	3,129	2,402,003	66,023	82,338	72,942	150,986	1,299,885	45,905
97,467	53,152	5,714,131	137,007	159,795	849,650	280,821	2,756,967	98,385
.....	17,790	1,306,000	2,200	.....	361,910	.....	130,013	.....
521	28	34,966	1,073	76	23,444	117	13,037	1
20	789	62,116	433	876	42,705	195	34,357	308
541	18,607	1,403,082	3,706	952	428,059	312	177,407	309
36,383	3,129	2,402,003	66,023	82,338	72,942	150,986	1,299,885	45,905
36,383	3,129	2,402,003	66,023	82,338	72,942	150,986	1,299,885	45,905
3,242	12,210	578,284	10,228	13,816	125,590	8,000	173,110	15,000
57,301	19,206	1,326,283	57,050	53,197	197,743	121,523	1,042,374	37,094
60,543	31,416	4,479	.....	9,492	25,316	7,476	77	.....
97,467	53,152	5,714,131	137,007	159,795	849,650	280,821	2,756,967	98,385
26,184	17,304	1,984,332	28,800	44,624	337,839	76,778	690,137	28,102
291	372	31,214	535	1,317	12,794	6,053	28,221	470
26,475	17,676	2,015,546	29,335	45,941	350,633	82,831	718,358	28,572
15,848	7,886	1,306,836	17,532	28,070	204,988	53,450	437,896	19,137
3,287	1,964	143,021	2,343	4,307	27,204	5,418	52,237	1,547
2,537	2,711	158,067	2,818	3,499	38,418	9,789	83,331	3,179
1,957	2,615	135,261	509	111	41,046	.....	20,078	.....
23,629	1,288	112,447	2,139	3,308	24,857	5,269	54,345	1,323
23,629	16,464	1,855,632	25,341	39,295	336,513	73,926	647,887	25,186
2,846	1,212	159,914	3,994	6,646	14,120	8,905	70,471	3,386
460	145	11,448	303	482	2,230	456	3,960	301

Municipal Electrical Utilities Financial

Municipality.....	Wheatley	Whitby	Warton	*Widdifield Twp.	Williams- burg	Winchester
Population.....	1,447	14,758	1,969	12,732	318	1,433
A. BALANCE SHEETS						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	196,009	1,614,996	173,406	1,412,788	30,298	137,023
Accumulated depreciation.....	48,342	315,276	49,704	323,967	11,441	41,456
Net fixed assets.....	147,667	1,299,720	123,702	1,088,821	18,857	95,567
CURRENT ASSETS						
Cash on hand and in bank.....	21,541	25,667	16,298	28,474	5,630	33,540
Investment in government securities.....		10,000	20,000		5,000	
Accounts receivable (net).....	494	23,344	2,347	140,651	46	619
Total current assets.....	22,035	59,011	38,645	169,125	10,676	34,159
OTHER ASSETS						
Inventory of stores.....	1,721	46,477	7,065	3,433		
Sinking fund on local debentures.....						
Miscellaneous.....				30,993		600
Total other assets.....	1,721	46,477	7,065	34,426		600
Equity in Ontario Hydro Systems.....	109,793	751,630	150,108		35,584	140,108
Total.....	281,216	2,156,838	319,520	1,292,372	65,117	270,434
LIABILITIES						
Debentures outstanding.....	7,700	186,000		1,150,000		
Accounts payable.....	338	8,434	70	41,825		
Other.....	658	49,030	167	53,713	508	10
Total liabilities.....	8,696	243,464	237	1,245,538	508	10
RESERVES						
Equity in Ontario Hydro Systems..	109,793	751,630	150,108		35,584	140,108
Other.....						
Total reserves.....	109,793	751,630	150,108		35,584	140,108
CAPITAL						
Debentures redeemed.....	44,300	275,012	37,400		2,750	29,162
Local sinking fund.....						
Accumulated net income invested in plant or held as working funds..	118,427	879,905	131,775	46,834	26,275	101,154
Contributed capital.....		6,827				
Total capital.....	162,727	1,161,744	169,175	46,834	29,025	130,316
Total.....	281,216	2,156,838	319,520	1,292,372	65,117	270,434
B. OPERATING STATEMENTS						
REVENUE						
Sales of electric energy.....	72,578	801,376	98,424	331,242	15,608	83,529
Other.....	548	30,664	4,878	16,007	320	449
Total revenue.....	73,126	832,040	103,302	347,249	15,928	83,978
EXPENSE						
Power purchased.....	41,214	550,522	69,710	176,633	11,699	65,133
Local generation.....						
Operation and maintenance.....	4,627	44,819	10,220	10,703	615	2,564
Administration.....	5,932	73,558	6,426	35,184	1,476	4,830
Fixed charges—interest and principal	2,956	44,701		49,063		
—depreciation.....	5,033	53,628	6,844	28,832	991	4,326
—other.....						
Total expense.....	59,762	767,228	93,200	300,415	14,781	76,853
Net income or net expense.....	13,364	64,812	10,102	46,834	1,147	7,125
Number of customers.....	540	4,272	831	3,656	146	608

*Six months' operation.

Statements for the Year Ended December 31, 1965

Winder- mere 110	Windsor 114,000	Wingham 2,924	Wood- bridge 2,478	Woodstock 23,018	Woodville 446	Wyoming 952	York Twp. 129,297	Zurich 726	TOTAL
\$ 45,018 9,295	\$ 15,269,831 4,872,648	\$ 397,903 158,909	\$ 230,892 71,026	\$ 3,039,509 903,178	\$ 50,959 10,180	\$ 92,120 27,882	\$ 10,068,810 3,227,005	\$ 71,292 8,462	\$ 607,675,682 148,250,022
35,723	10,397,183	238,994	159,866	2,136,331	40,779	64,238	6,841,805	62,830	459,425,660
256	15,825	29,150	57,299	39,548	5,091	114	855,006	8,313	29,195,624
4,920	1,949,789	64,636	24,700	.....	.....	9,242	554,000	.....	9,749,732
446	517,976	883	1,299	33,878	429	132	368,014	475	18,398,616
5,622	2,483,590	94,669	83,298	73,426	5,520	9,488	1,777,020	8,788	57,343,972
.....	257,905	13,080	.....	4,511	.....	1,753	122,391	.....	12,648,044
.....	.....	.....	.....	.....	.....	.....	.....	.....	7,740,863
60	11,350	76	9,730	3,003	.....	.....	4,536	101	8,782,008
60	269,255	13,156	9,730	7,514	.....	1,753	126,927	101	29,170,915
19,637	14,849,522	296,004	246,612	2,386,722	35,105	52,146	6,259,150	67,376	378,707,011
61,042	27,999,550	642,823	499,506	4,603,993	81,404	127,625	15,004,902	139,095	924,647,558
.....	.....	.....	.....	.....	.....	.....	.....	.....	92,106,967
1,270	383,160	111	1,437	19,520	70	3,016	326,602	.....	17,815,810
.....	198,433	4,005	2,168	22,186	30	337	520,464	330	10,515,302
1,270	581,593	4,116	3,605	41,706	100	3,353	847,066	330	120,438,079
19,637	14,849,522	296,004	246,612	2,386,722	35,105	52,146	6,259,150	67,376	378,707,011
.....	261,715	.....	.....	.....	.....	.....	.....	.....	2,156,022
19,637	15,111,237	296,004	246,612	2,386,722	35,105	52,146	6,259,150	67,376	380,863,033
11,238	2,583,832	81,155	23,835	429,776	5,248	9,700	489,375	5,592	101,145,958
.....	.....	.....	.....	.....	.....	.....	.....	.....	7,740,863
28,897	9,722,888	261,548	222,596	1,723,804	40,951	61,695	7,349,338	65,797	300,558,283
.....	.....	.....	2,858	21,985	.....	731	59,973	.....	13,901,342
40,135	12,306,720	342,703	249,289	2,175,565	46,199	72,126	7,898,686	71,389	423,346,446
61,042	27,999,550	642,823	499,506	4,603,993	81,404	127,625	15,004,902	139,095	924,647,558
11,653	5,595,464	167,983	121,747	1,384,802	16,642	33,884	4,355,634	37,203	272,214,069
624	110,198	9,798	6,626	20,275	217	1,127	215,964	300	7,176,496
12,277	5,705,662	177,781	128,373	1,405,077	16,859	35,011	4,571,598	37,503	279,390,565
8,172	3,588,448	122,689	86,170	938,178	9,672	25,610	2,821,324	22,448	184,480,710
.....	.....	.....	.....	.....	.....	.....	.....	.....	571,767
1,114	726,591	11,889	7,519	99,440	2,280	3,034	323,749	3,368	21,920,862
666	513,108	15,941	12,757	107,522	1,087	2,946	570,237	3,666	21,816,697
.....	18,624	.....	.....	4,293	.....	.....	.....	.....	10,222,785
1,266	394,243	11,316	9,199	87,810	1,616	2,688	369,528	1,802	17,744,672
.....	.....	.....	.....	.....	.....	.....	.....	.....	78,450
11,218	5,241,014	161,835	115,645	1,237,243	14,655	34,278	4,084,838	31,284	256,835,943
1,059	464,648	15,946	12,728	167,834	2,204	733	486,760	6,219	22,554,622
139	38,058	1,153	793	7,807	199	372	41,582	317	1,595,343

STATEMENT “C”

Statement “C” is the schedule of retail rates for residential, commercial, and industrial power service in the municipal distribution systems receiving power from the Commission.

Rate Schedules in Effect

Under normal or standard residential service, charges are calculated on specified blocks of kilowatt-hours per month at designated rates for each block. The account rendered is subject to a minimum monthly charge, and while accounts in some municipalities are calculated at net rates, the majority are subject to a prompt payment discount of 10 per cent. For comparative purposes net monthly bills are shown for metered energy consumptions of 250, 500, and 750 kilowatt-hours, subject to the qualifications in the following paragraph.

Water Heating service may be provided either at a special flat-rate monthly charge, or through the regular metered service. The net monthly bills are calculated in Statement “C” at metered rates. A “w” opposite the rate for the third block of 500 kilowatt-hours for certain municipalities indicates that that block is available only to customers with an approved water heater supplied through the regular service meter. In these municipalities flat-rate service for water heating is not generally available to new applicants for residential service. House-heating energy may be segregated from the standard service and billed at a separate house-heating rate, or, as indicated in the table, it may be optionally included with the normal household service and billed at the regular residential rate. Where a low all-electric rate is in effect, house-heating energy would, of course, be included with the water-heating and basic household energy, the entire service being billed at this special rate.

Commercial rates are applicable to all electrical service supplied to stores, offices, churches, schools, public buildings, institutions, hospitals, hotels, restaurants, service stations, and other premises used for commercial purposes. The commercial rates are also used for billing sign and display lighting. In many municipalities, commercial-type customers having connected loads of under five kilowatts are billed at residential rates. Rates for industrial power service to customers of the municipal systems provide for 24-hour unrestricted delivery at secondary distribution voltage. These rates, however, are not applicable to the Commission’s direct industrial customers.

Commercial and industrial power service bills are based on a monthly demand rate (with a minimum for commercial service) applied to the customer’s billing demand, plus energy charges for specified blocks of kilowatt-hours used, the size of the blocks varying in accordance with the customer’s billing demand. All additional energy is billed at the end rate per kilowatt-hour. The accounts for all municipalities, except those marked (N) as calculated at net rates, are subject

to a prompt payment discount of 10 per cent. The net monthly bills shown for commercial and industrial power service are calculated on the basis of a demand of one kilowatt for a use per month of 200 and 300 hours. The corresponding bill for a demand of 10 kilowatts would be ten times the amounts shown, for 20 kilowatts twenty times the amounts shown, and so on.

STATEMENT “D”

Statement “D” records revenue, consumption, number of customers, average consumption per customer, and average cost per kilowatt-hour for each of the three main classes of service in all the municipal systems served. The revenue and consumption from house heating and the use of flat-rate water heaters are included in the totals shown, the flat-rate water-heater kilowatt-hours being estimated on the basis of 16.8 hours’ use per day.

The average cost per kilowatt-hour is the average cost to the customer, that is the average revenue per kilowatt-hour received by the utility. Such a statistical average does not represent the utility’s actual cost of delivering one kilowatt-hour. However, a comparison of this average over a number of years is some indication of the trend of cost in any one municipality, and the trend in all municipal systems combined may be seen in the table on page 144 and the graphs on page 145. Other things being equal, the average cost per kilowatt-hour would rise with an increase in rates. The normal trend, however, is for consumption per customer to increase, and residential customers in particular are using an ever-widening variety of electrical appliances, including fast-recovery water heaters. This increased use, since it is billed at the low rates usually applicable to higher-consumption blocks of kilowatt-hours, is frequently reflected in a lower average cost per kilowatt-hour.

For industrial power service customers, the relationship between demand (kilowatts required) and energy (kilowatt-hours of use) is an important factor in establishing the customer’s average cost per kilowatt-hour. The use of the demand for only a few hours will result in a relatively small total bill but a high average cost per kilowatt-hour; the use of the same demand for several hours will increase the total bill but substantially reduce the average cost per kilowatt-hour. In other words, the average cost per kilowatt-hour varies inversely with the customer’s load factor.

RATES AND TYPICAL BILLS FOR
in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

Municipality	Flat-Rate Water Heating per 100 Watts or Schedule Number	RESIDENTIAL SERVICE										
		House Heating per Kwh (See Notes)	All-Electric Rate per Kwh (See Notes)	Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
					First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
	¢ No.	¢	¢	No.	¢	¢	¢	¢	\$	\$	\$	\$
Acton.....	41	◆	1.1	50	3.0	1.5	0.9	1.2	1.11	4.05	6.07	8.10
Ailsa Craig.....	45	◆	..	50	2.6	1.3	0.8	1.1	1.39	3.51	5.31	7.11
Ajax.....	37	1.2	1.1	50	3.4	1.7	...	1.0	1.70	4.59	6.84	9.09
Alexandria.....	45	◆	..	50	2.8	1.3	w0.7	1.1	1.67	3.60	5.17	6.75
Alfred.....	42	1.2	1.1	50	3.2	1.6	0.9	1.3	1.11	4.32	6.34	8.37
Alliston.....	40	1.1	1.1	60	3.1	...	...	1.0	1.11	3.38	5.63	7.88
Almonte.....	35	□	..	50	2.8	1.4	w0.8	1.1	1.40	3.78	5.58	7.38
Alvinston.....	45	□	..	50	3.5	1.6	w0.8	1.1	1.39	4.45	6.25	8.05
Amherstburg.....	38	□	1.1	50	3.0	1.4	0.8	1.1	1.67	3.87	5.67	7.47
Ancaster Twp.....	43	◆	1.1	50	4.2	2.1	w0.7	1.1	2.22	5.67	7.24	8.82
Apple Hill.....	56	..	..	60	4.0	...	...	1.0	1.39	3.87	6.12	8.37
Arkona.....	45	◆	..	50	3.2	1.6	w0.8	1.1	1.11	4.32	6.12	7.92
Arnprior.....	37	1.2	1.1	50	2.6	1.3	...	0.8	1.39	3.51	5.31	7.11
Arthur.....	42	□	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Athens.....	41	□	..	50	2.4	1.2	w0.7	1.1	1.20	3.24	4.81	6.39
Atikokan Twp.....	40	□	1.1	50	3.4	1.7	w0.9	1.1	1.70	4.59	6.61	8.64
Aurora.....	37	1.1	1.1	50	3.0	1.5	0.8	1.1	1.50	4.05	5.85	7.65
Avonmore.....	40	◆	◆	50	4.0	2.0	w0.8	1.1	2.00	5.40	7.20	9.00
Aylmer.....	36	◆	..	50	2.6	1.2	0.8	1.1	1.67	3.33	5.13	6.93
Ayr.....	44	1.1	1.1	60	2.9	...	...	1.0	1.11	3.28	5.53	7.78
Baden.....	40	□	1.1	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
†Bala.....	41	1.22	..	50	4.4	2.2	w0.8	1.2	3.33	5.94	7.74	9.54
Bancroft.....	46	◆	1.1	50	3.5	1.4	w0.8	1.1	1.75	4.09	5.89	7.69
Barrie.....	38	1.1	1.1	60	2.4	...	...	1.0	0.83	3.01	5.26	7.51
Barry's Bay.....	42	1.1	..	50	2.6	1.3	0.7	1.0	1.67	3.51	5.08	6.66
Bath.....	39	□	..	60	3.5	...	...	1.2	1.67	3.94	6.64	9.34
Beachburg.....	39	◆	1.1	50	4.0	1.8	w0.7	1.1	2.22	5.04	6.61	8.19
Beachville.....	42	□	..	50	2.8	1.4	0.7	1.1	1.67	3.78	5.35	6.93
Beamsville.....	43	◆	1.1	50	3.4	1.7	w0.8	1.1	1.75	4.59	6.39	8.19
†Beardmore.....	45	◆	▲	50	4.0	2.0	w0.9	1.2	2.22	5.40	7.42	9.45
Beaverton.....	40	□	..	50	2.6	1.3	0.7	1.1	1.39	3.51	5.08	6.66
Beeton.....	40	◆	..	50	3.2	1.1	w0.7	1.1	1.67	3.42	4.99	6.57
Belle River.....	42	□	1.1	50	3.6	1.8	w0.8	1.1	2.22	4.86	6.66	8.46
Belleville.....	32	◆	1.1	50	3.2	1.3	w0.8	1.1	1.95	3.78	5.58	7.38
N Belmont.....	44	◆	1.0	50	4.0	1.4	w0.7	1.0	2.00	4.80	6.55	8.30
Blenheim.....	44	1.1	..	50	3.0	1.5	...	0.9	1.11	4.05	6.07	8.10
†Blind River.....	45	1.22	..	50	3.8	1.9	w0.8	1.1	1.39	5.13	6.93	8.73
Bloomfield.....	42	◆	..	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Blyth.....	45	□	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Bobcaygeon.....	42	◆	1.2	50	4.0	1.7	w0.8	1.2	2.22	4.86	6.66	8.46

†Retail service provided by The Hydro-Electric Power Commission of Ontario.
For explanatory notes and water-heating schedules see pages 222 and 223.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1965

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per Kwh	Space Heating per Kwh (Alternative to Regular Rate)	Demand Rate per 100 Watts 5.0 Cents, Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kwh for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per Kwh for Use of Each Kw of Demand						First Block			Second Block				All Addi- tional Hours
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours		Hours' Use 50 100	Hours' Use 50 100	All Addi- tional Hours	200 Hours	300 Hours		
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$
...	1.5	¢2.6	0.8	0.5	3.51	3.96	1.00	...	2.1	...	0.5	0.33	3.24	3.54
...	1.5	¢2.2	0.8	0.5	3.15	3.60	1.00	...	1.6	...	0.5	0.33	2.79	3.09
1.2	1.5	¢2.4	0.8	0.5	3.33	3.78	1.00	...	1.4	...	0.5	0.33	2.61	2.91
1.1	1.5	¢2.5	0.8	0.5	3.42	3.87	1.00	...	2.0	...	0.5	0.33	3.15	3.45
...	1.5	¢2.6	0.8	0.5	3.51	3.96	1.00	...	2.0	...	0.5	0.33	3.15	3.45
...	1.5	2.6	...	1.0	3.69	4.59	1.20	1.9	...	1.3	...	0.30	2.79	3.06
1.1	...	¢2.0	0.8	0.5	2.97	3.42	1.00	...	1.2	...	0.5	0.33	2.43	2.73
...	...	¢3.2	0.8	0.5	4.05	4.50	1.00	...	2.7	...	0.5	0.33	3.78	4.08
1.1	1.5	¢2.5	0.8	0.5	3.42	3.87	1.00	...	2.0	...	0.5	0.33	3.15	3.45
1.1	1.5	¢3.6	0.8	0.5	4.41	4.86	1.00	...	2.7	...	0.5	0.33	3.78	4.08
...	...	3.5	...	1.0	4.50	5.40	1.35	2.8	...	1.8	...	0.33	3.58	3.88
...	1.5	¢2.9	0.8	0.5	3.78	4.23	1.00	...	2.4	...	0.5	0.33	3.51	3.81
1.0	1.5	¢2.1	0.8	0.5	3.06	3.51	1.00	...	1.6	...	0.5	0.33	2.79	3.09
1.1	1.5	¢2.5	0.8	0.5	3.42	3.87	1.00	...	1.8	...	0.5	0.33	2.97	3.27
...	...	¢1.9	0.8	0.5	2.88	3.33	1.00	...	1.5	...	0.5	0.33	2.70	3.00
1.5	1.5	¢3.0	0.8	0.5	3.87	4.32	1.00	...	2.0	...	0.5	0.33	3.15	3.45
...	1.5	¢2.2	0.8	0.5	3.15	3.60	1.00	...	1.7	...	0.5	0.33	2.88	3.18
...	1.5	¢3.0	0.8	0.5	3.87	4.32	1.00	...	2.0	...	0.5	0.33	3.15	3.45
1.1	1.5	¢2.2	0.8	0.5	3.15	3.60	1.00	...	1.7	...	0.5	0.33	2.88	3.18
...	...	2.4	...	0.9	3.42	4.23	1.20	2.1	...	1.4	...	0.30	2.92	3.19
...	1.5	¢2.3	0.8	0.5	3.24	3.69	1.00	...	1.7	...	0.5	0.33	2.88	3.18
1.6	1.5	4.2	0.8	0.5	4.95	5.40	1.00	...	2.7	...	0.5	0.33	3.78	4.08
1.1	1.5	¢2.8	0.8	0.5	3.69	4.14	1.00	...	1.9	...	0.5	0.33	3.06	3.36
1.0	1.5	¢2.0	...	0.8	2.97	3.69	1.00	1.4	...	0.9	...	0.25	2.16	2.38
...	1.5	¢1.9	0.8	0.5	2.88	3.33	1.00	...	1.4	...	0.5	0.33	2.61	2.91
...	...	3.0	...	1.2	4.23	5.31	1.35	3.5	...	2.3	...	0.33	4.12	4.42
...	1.5	¢2.5	0.8	0.5	3.42	3.87	1.00	...	2.0	...	0.5	0.33	3.15	3.45
...	1.5	¢2.2	0.8	0.5	3.15	3.60	1.00	...	1.7	...	0.5	0.33	2.88	3.18
1.5	1.5	¢2.8	0.8	0.5	3.69	4.14	1.00	...	2.0	...	0.5	0.33	3.15	3.45
1.2	1.5	¢3.7	0.8	0.5	4.50	4.95	1.00	...	2.8	...	0.5	0.33	3.87	4.17
...	1.5	¢2.1	0.8	0.5	3.06	3.51	1.00	...	1.6	...	0.5	0.33	2.79	3.09
1.5	1.5	¢2.3	0.8	0.5	3.24	3.69	1.00	...	1.7	...	0.5	0.33	2.88	3.18
...	1.5	¢3.0	0.8	0.5	3.87	4.32	1.00	...	2.2	...	0.5	0.33	3.33	3.63
1.22	1.5	¢2.2	0.8	0.5	3.15	3.60	1.00	...	1.6	...	0.5	0.33	2.79	3.09
...	1.35	¢2.6	0.7	0.45	3.80	4.25	1.00	...	2.1	...	0.5	0.30	3.60	3.90
1.2	1.5	¢2.7	0.8	0.5	3.60	4.05	1.00	...	2.2	...	0.5	0.33	3.33	3.63
1.1	1.5	¢3.6	0.8	0.5	4.41	4.86	1.00	...	2.7	...	0.5	0.33	3.78	4.08
...	1.5	¢2.1	0.8	0.5	3.06	3.51	1.00	...	1.6	...	0.5	0.33	2.79	3.09
...	...	¢2.5	0.8	0.5	3.42	3.87	1.00	...	2.0	...	0.5	0.33	3.15	3.45
1.5	1.5	¢3.3	0.8	0.5	4.14	4.59	1.00	...	2.6	...	0.5	0.33	3.69	3.99

RATES AND TYPICAL BILLS FOR
in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

Municipality	Flat-Rate Water Heating per 100 Watts or Schedule Number	RESIDENTIAL SERVICE										
		House Heating per Kwh (See Notes)	All-Electric Rate per Kwh (See Notes)	Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
					First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
	¢ No.	¢	¢	No.	¢	¢	¢	¢	\$	\$	\$	\$
Bolton.....	45	◆	1.1	50	4.0	2.0	w0.8	1.1	2.00	5.40	7.20	9.00
Bothwell.....	45	□	..	50	2.6	1.3	w0.7	1.1	0.83	3.51	5.08	6.66
Bowmanville.....	35	..	1.1	50	3.0	1.2	w0.7	1.1	1.50	3.51	5.08	6.66
Bracebridge.....	39	□	..	60	3.0	...	...	1.2	0.83	3.67	6.37	9.07
Bradford.....	40	◆	..	50	2.8	1.4	0.8	1.1	1.39	3.78	5.58	7.38
Braeside.....	36	◆	1.1	50	2.6	1.3	...	1.1	0.83	3.51	5.98	8.46
N Brampton.....	37	◆	1.0	50	5.0	1.3	w0.6	1.0	2.50	5.10	6.60	8.10
Brantford.....	41	□	..	60	2.2	1.2	w0.8	1.2	0.83	3.24	5.08	6.88
§§Brantford Twp.....	42	◆	..	50	4.0	2.0	w0.8	1.2	1.67	5.40	7.20	9.00
Brechin.....	40	◆	..	50	2.2	1.1	0.7	1.1	1.11	2.97	4.54	6.12
Bridgeport.....	45	◆	1.1	50	4.0	1.6	w0.8	1.1	2.00	4.68	6.48	8.28
Brigden.....	45	□	..	50	2.6	1.1	w0.7	1.1	1.11	3.15	4.72	6.30
Brighton.....	42	1.1	..	50	3.0	1.4	w0.7	1.0	1.50	3.87	5.44	7.02
Brockville.....	38	1.1	1.1	50	2.9	1.4	w0.8	1.1	1.45	3.82	5.62	7.42
Brussels.....	45	□	1.2	50	3.2	1.6	0.9	1.3	1.39	4.32	6.34	8.37
Burford.....	43	◆	1.1	50	3.0	1.5	0.9	1.1	1.11	4.05	6.07	8.10
Burgessville.....	43	◆	1.1	50	4.0	1.1	w0.8	1.1	2.00	3.78	5.58	7.38
Burk's Falls.....	45	□	1.1	50	3.4	1.4	w0.9	1.1	1.67	4.05	6.07	8.10
§§Burlington.....	42	□	1.1	50	4.0	1.8	w0.8	1.1	2.00	5.04	6.84	8.64
Cache Bay.....	43	□	..	50	3.0	1.3	w0.8	1.1	1.67	3.69	5.49	7.29
§Caledonia.....	45	◆	..	50	2.7	1.3	w0.8	1.1	2.00	3.55	5.35	7.15
Campbellford.....	35	◆	..	50	1.7	1.1	0.5	1.0	1.67	2.74	3.87	4.99
N Campbellville.....	45	..	1.0	50	3.5	1.5	w0.7	1.0	1.75	4.75	6.50	8.25
Cannington.....	42	1.1	..	50	3.2	1.1	w0.7	1.0	1.67	3.42	4.99	6.57
§Capreol.....	43	◆	..	50	3.2	1.3	w0.8	1.1	2.25	3.78	5.58	7.38
Cardinal.....	40	□	..	50	2.6	1.3	w0.8	1.1	1.30	3.51	5.31	7.11
Carleton Place.....	39	◆	..	50	3.2	1.6	...	1.1	1.11	4.32	6.79	9.27
Casselman.....	38	◆	1.1	50	3.0	1.5	w0.8	1.1	1.70	4.05	5.85	7.65
Cayuga.....	45	□	1.1	50	3.4	1.7	0.8	1.1	2.00	4.59	6.39	8.19
Chalk River.....	40	◆	1.1	50	3.6	1.6	w0.7	1.1	1.80	4.50	6.07	7.65
N Chappleau Twp.....	45	◆	◆	50	5.0	2.5	w0.9	1.2	2.50	7.50	9.75	12.00
N Chatham.....	38	◆	1.0	50	4.0	1.5	...	1.0	2.00	5.00	7.50	10.00
Chatsworth.....	46	1.1	..	50	2.8	1.4	0.8	1.1	1.39	3.78	5.58	7.38
Chesley.....	41	1.1	..	60	2.7	...	...	1.0	1.11	3.17	5.42	7.67
Chesterville.....	41	◆	..	50	2.8	1.3	w0.7	1.1	1.40	3.60	5.17	6.75
Chippawa.....	42	◆	1.1	50	3.2	1.6	w0.8	1.1	1.67	4.32	6.12	7.92
Clifford.....	45	□	1.1	50	3.0	1.5	0.9	1.2	1.39	4.05	6.07	8.10
Clinton.....	41	□	1.1	50	3.0	1.5	0.9	1.2	1.11	4.05	6.07	8.10
†Cobalt.....	42	1.22	..	50	4.0	2.0	w0.8	1.1	1.39	5.40	7.20	9.00
Cobden.....	36	1.1	..	50	2.0	1.0	0.7	1.0	1.67	2.70	4.27	5.85

†Retail service provided by The Hydro-Electric Power Commission of Ontario.
For explanatory notes and water-heating schedules see pages 222 and 223.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1965

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE								
Commercial Cooking per Kwh	Space Heating per Kwh (Alternative to Regular Rate)	Demand Rate per 100 Watts 5.0 Cents, Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kwh for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand		
		Energy Rate per Kwh for Use of Each Kw of Demand						First Block	Second Block	All Addi- tional Hours					
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours		Hours' Use 50 100	Hours' Use 50 100		200 Hours	300 Hours			
c	c	c	c	c	\$	\$	\$	c	c	c	c	c	\$	\$	
...	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	...	2.1	...	0.5	0.33	3.24	3.54	
...	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	...	1.7	...	0.5	0.33	2.88	3.18	
...	1.5	°1.7	0.8	0.5	2.70	3.15	1.00	...	1.2	...	0.5	0.33	2.43	2.73	
1.2	1.5	2.0	...	1.0	3.15	4.05	1.20	1.4	...	0.9	...	0.30	2.38	2.65	
1.1	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	...	1.8	...	0.5	0.33	2.97	3.27	
...	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	...	1.7	...	0.5	0.33	2.88	3.18	
1.2	1.35	°2.2	0.7	0.4	3.40	3.80	1.00	...	1.6	...	0.5	0.30	3.10	3.40	
...	1.5	1.8	...	0.7	2.70	3.33	1.20	1.4	...	0.9	...	0.30	2.38	2.65	
1.2	1.5	°2.9	0.8	0.5	3.78	4.23	1.00	...	2.2	...	0.5	0.33	3.33	3.63	
...	1.5	°1.7	0.8	0.5	2.70	3.15	1.00	...	1.2	...	0.5	0.33	2.43	2.73	
1.2	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	...	1.9	...	0.5	0.33	3.06	3.36	
1.1	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	...	1.8	...	0.5	0.33	2.97	3.27	
1.0	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	...	1.8	...	0.5	0.33	2.97	3.27	
1.1	...	°2.2	0.8	0.5	3.15	3.60	1.00	...	1.2	...	0.5	0.33	2.43	2.73	
...	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	...	2.3	...	0.5	0.33	3.42	3.72	
1.2	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	...	1.8	...	0.5	0.33	2.97	3.27	
...	1.5	°3.5	0.8	0.5	4.32	4.77	1.00	...	2.9	...	0.5	0.33	3.96	4.26	
1.4	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	...	1.9	...	0.5	0.33	3.06	3.36	
1.1	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	...	1.8	...	0.5	0.33	2.97	3.27	
1.1	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	...	1.5	...	0.5	0.33	2.70	3.00	
1.1	1.5	°2.7	0.8	0.5	3.60	4.05	1.00	...	2.2	...	0.5	0.33	3.33	3.63	
...	1.5	°1.2	0.8	0.5	2.25	2.70	1.00	...	0.7	...	0.5	0.33	1.98	2.28	
1.2	1.35	°2.5	0.7	0.45	3.70	4.15	1.00	...	2.0	...	0.5	0.30	3.50	3.80	
1.1	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	...	1.7	...	0.5	0.33	2.88	3.18	
...	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	...	2.3	...	0.5	0.33	3.42	3.72	
...	...	°2.3	0.8	0.5	3.24	3.69	1.00	...	1.8	...	0.5	0.33	2.97	3.27	
...	...	°2.8	0.8	0.5	3.69	4.14	1.00	...	1.8	...	0.5	0.33	2.97	3.27	
1.3	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	...	1.8	...	0.5	0.33	2.97	3.27	
...	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	...	2.5	...	0.5	0.33	3.60	3.90	
1.1	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	...	1.7	...	0.5	0.33	2.88	3.18	
1.3	1.35	°4.5	0.8	0.5	5.80	6.30	1.00	...	4.0	...	0.8	0.50	5.80	6.30	
1.2	1.35	3.3	1.0	0.45	4.80	5.25	1.00	...	1.8	...	0.5	0.35	3.30	3.65	
...	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	...	2.0	...	0.5	0.33	3.15	3.45	
...	1.5	2.3	...	1.0	3.42	4.32	1.20	1.9	...	1.3	...	0.30	2.79	3.06	
...	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	...	1.8	...	0.5	0.33	2.97	3.27	
1.4	1.5	°2.7	0.8	0.5	3.60	4.05	1.00	...	1.7	...	0.5	0.33	2.88	3.18	
1.2	...	°2.7	0.8	0.5	3.60	4.05	1.00	...	2.2	...	0.5	0.33	3.33	3.63	
...	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	...	2.0	...	0.5	0.33	3.15	3.45	
1.1	1.5	°3.6	0.8	0.5	4.41	4.86	1.00	...	2.4	...	0.5	0.33	3.51	3.81	
...	...	°1.9	0.8	0.5	2.88	3.33	1.00	...	1.3	...	0.5	0.33	2.52	2.82	

RATES AND TYPICAL BILLS FOR
in Effect

*Rates are quoted on a monthly basis and
(unless otherwise noted) and*

Municipality	Flat-Rate Water Heating per 100 Watts or Schedule Number		RESIDENTIAL SERVICE										
			House Heating per Kwh (See Notes)	All-Electric Rate per Kwh (See Notes)	Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
						First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
	¢	No.	¢	¢	No.	¢	¢	¢	¢	\$	\$	\$	\$
Cobourg.....	..	41	◆	..	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Cochrane.....	..	35	1.2	1.2	60	3.4	...	...	1.5	1.11	4.40	7.78	11.15
Colborne.....	..	43	1.1	..	60	3.8	...	...	1.0	0.83	3.76	6.01	8.26
Coldwater.....	..	40	1.1	..	50	2.6	1.3	0.7	1.0	1.11	3.51	5.08	6.66
Collingwood.....	..	41	□	..	50	2.4	1.2	0.7	1.1	1.11	3.24	4.81	6.39
Comber.....	..	45	◆	1.1	50	3.0	1.5	0.9	1.1	1.11	4.05	6.07	8.10
Coniston.....	..	42	◆	1.1	50	3.2	1.3	w0.7	1.1	2.22	3.78	5.35	6.93
Cookstown.....	..	45	◆	..	50	2.6	1.1	w0.7	1.1	1.67	3.15	4.72	6.30
Cottam.....	41	..	◆	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Courtright.....	..	45	◆	1.1	50	4.0	2.0	w0.8	1.1	2.22	5.40	7.20	9.00
N Creemore.....	..	44	◆	..	50	2.5	1.1	w0.6	1.0	1.25	3.45	4.95	6.45
Dashwood.....	45	..	1.2	1.2	50	3.6	1.8	1.1	1.5	1.11	4.86	7.33	9.81
Deep River.....	..	40	1.1	1.1	50	3.4	1.4	...	0.9	1.67	4.05	6.07	8.10
Delaware.....	..	44	◆	..	50	4.0	1.7	w0.8	1.1	2.00	4.86	6.66	8.46
Delhi.....	..	43	□	..	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
N Deseronto.....	..	44	◆	1.0	50	3.0	1.2	w0.7	1.0	1.50	3.90	5.65	7.40
Dorchester.....	..	43	□	..	50	2.8	1.4	0.8	1.1	0.83	3.78	5.58	7.38
Drayton.....	..	44	□	1.2	50	3.4	1.7	1.0	1.4	1.11	4.59	6.84	9.09
Dresden.....	..	44	□	..	50	3.0	1.5	0.9	1.2	1.11	4.05	6.07	8.10
Drumbo.....	..	45	□	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Dryden.....	..	35	□	..	50	3.8	1.9	...	1.1	1.90	5.13	7.60	10.08
Dublin.....	..	40	◆	1.1	50	2.8	1.3	0.8	1.1	1.67	3.60	5.40	7.20
Dundalk.....	..	44	1.1	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Dundas.....	..	43	..	1.1	50	3.6	1.8	w0.8	1.1	1.80	4.86	6.66	8.46
Dunnville.....	..	45	1.1	1.1	50	2.8	1.4	...	0.9	0.83	3.78	5.80	7.83
N Durham.....	..	40	◆	..	50	2.8	1.2	w0.7	1.0	1.40	3.80	5.55	7.30
Dutton.....	47	..	◆	..	50	2.8	1.4	0.8	1.1	0.83	3.78	5.58	7.38
East York Twp.....	..	35	1.2	1.1	50	3.34	1.3	...	0.9	1.67	3.84	5.87	7.89
Eganville.....	..	41	◆	..	50	3.0	1.5	w0.8	1.1	1.50	4.05	5.85	7.65
†Elk Lake.....	..	42	1.22	..	50	3.6	1.8	w0.8	1.1	1.39	4.86	6.66	8.46
Elmira.....	..	45	□	1.1	50	3.0	1.5	0.8	1.2	1.39	4.05	5.85	7.65
Elmvale.....	..	40	◆	..	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Elmwood.....	39	..	1.1	..	50	2.6	1.3	0.7	1.0	1.11	3.51	5.08	6.66
Elora.....	..	44	◆	1.1	50	5.0	1.8	w0.8	1.1	2.50	5.49	7.29	9.09
Embro.....	..	44	◆	..	60	3.3	...	...	1.1	0.83	3.66	6.14	8.61
N Embrun.....	..	39	..	◆	50	4.0	1.8	w0.7	1.0	2.00	5.60	7.35	9.10
†Englehart.....	..	42	1.22	..	50	4.0	2.0	w0.8	1.1	1.39	5.40	7.20	9.00
Erieau.....	..	45	1.2	..	50	2.8	1.4	...	0.8	1.11	3.78	5.58	7.38
Erie Beach.....	..	45	1.1	..	50	4.0	2.0	...	1.1	2.78	5.40	7.87	10.35
Erin.....	..	40	□	..	50	3.0	1.5	0.8	1.2	1.39	4.05	5.85	7.65

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For explanatory notes and water-heating schedules see pages 222 and 223.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1965

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE								
Commercial Cooking per Kwh	Space Heating per Kwh (Alternative to Regular Rate)	Demand Rate per 100 Watts 5.0 Cents, Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kwh for Use of Each Kw of Demand						Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per Kwh for Use of Each Kw of Demand						First Block Hours' Use 50 100	Second Block Hours' Use 50 100	All Addi- tional Hours					
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours					200 Hours	300 Hours			
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$	
1.1	1.5	°2.0	0.8	0.5	2.97	3.42	1.00	..	1.2	..	0.5	0.33	2.43	2.73	
...	1.5	2.9	...	1.4	4.32	5.58	1.35	2.3	..	1.5	..	0.33	3.22	3.52	
...	1.5	3.0	...	1.0	4.05	4.95	1.35	2.8	..	1.8	..	0.33	3.58	3.88	
...	1.5	°2.1	0.8	0.5	3.06	3.51	1.00	..	1.6	..	0.5	0.33	2.79	3.09	
...	1.5	°1.9	0.8	0.5	2.88	3.33	1.00	..	1.3	..	0.5	0.33	2.52	2.82	
...	1.5	°2.7	0.8	0.5	3.60	4.05	1.00	..	2.2	..	0.5	0.33	3.33	3.63	
1.2	1.5	°2.7	0.8	0.5	3.60	4.05	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
...	1.5	°2.0	0.8	0.5	2.97	3.42	1.00	..	1.4	..	0.5	0.33	2.61	2.91	
...	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	..	2.3	..	0.5	0.33	3.42	3.72	
1.5	1.5	°3.5	0.8	0.5	4.32	4.77	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
...	1.35	°1.6	0.7	0.45	2.80	3.25	1.00	..	1.1	..	0.5	0.30	2.60	2.90	
...	1.5	°3.1	0.8	0.5	3.96	4.41	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
...	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	..	1.7	..	0.5	0.33	2.88	3.18	
...	1.5	°3.6	0.8	0.5	4.41	4.86	1.00	..	2.6	..	0.5	0.33	3.69	3.99	
1.1	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	..	1.8	..	0.5	0.33	2.97	3.27	
1.2	1.35	°2.4	0.7	0.45	3.60	4.05	1.00	..	1.7	..	0.5	0.30	3.20	3.50	
...	...	°2.6	0.8	0.5	3.51	3.96	1.00	..	2.1	..	0.5	0.33	3.24	3.54	
...	1.5	°2.9	0.8	0.5	3.78	4.23	1.00	..	2.2	..	0.5	0.33	3.33	3.63	
...	...	°2.8	0.8	0.5	3.69	4.14	1.00	..	2.3	..	0.5	0.33	3.42	3.72	
...	1.5	°2.7	0.8	0.5	3.60	4.05	1.00	..	2.2	..	0.5	0.33	3.33	3.63	
...	1.5	°3.1	0.8	0.5	3.96	4.41	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
1.4	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	2.3	..	0.5	0.33	3.42	3.72	
...	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.7	..	0.5	0.33	2.88	3.18	
...	1.5	°2.7	0.8	0.5	3.60	4.05	1.00	..	1.7	..	0.5	0.33	2.88	3.18	
1.1	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	1.9	..	0.5	0.33	3.06	3.36	
1.1	1.35	°2.1	0.7	0.45	3.30	3.75	1.00	..	1.5	..	0.5	0.30	3.00	3.30	
...	...	°2.5	0.8	0.5	3.42	3.87	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
...	1.5	°2.0	0.8	0.5	2.97	3.42	1.00	..	1.4	..	0.5	0.33	2.61	2.91	
1.1	1.5	°3.3	0.8	0.5	4.14	4.59	1.00	..	2.3	..	0.5	0.33	3.42	3.72	
1.1	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
1.2	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	..	1.9	..	0.5	0.33	3.06	3.36	
...	1.5	°2.1	0.8	0.5	3.06	3.51	1.00	..	1.6	..	0.5	0.33	2.79	3.09	
...	...	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.8	..	0.5	0.33	2.97	3.27	
...	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
1.1	1.5	2.7	...	0.7	3.51	4.14	1.35	3.1	..	2.0	..	0.33	3.81	4.10	
1.35	1.35	°2.2	0.7	0.45	3.40	3.85	1.00	..	1.6	..	0.5	0.30	3.10	3.40	
1.1	1.5	°3.6	0.8	0.5	4.41	4.86	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
1.1	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	..	2.5	..	0.5	0.33	3.60	3.90	
...	...	°3.5	0.8	0.5	4.32	4.77	1.00	..	2.6	..	0.5	0.33	3.69	3.99	
1.2	...	°2.5	0.8	0.5	3.42	3.87	1.00	..	1.7	..	0.5	0.33	2.88	3.18	

RATES AND TYPICAL BILLS FOR
in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

Municipality	Flat-Rate Water Heating per 100 Watts or Schedule Number	RESIDENTIAL SERVICE										
		House Heating per Kwh (See Notes)	All-Electric Rate per Kwh (See Notes)	Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
					First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
	¢ No.	¢	¢	No.	¢	¢	¢	¢	\$	\$	\$	\$
N Espanola.....	35	◆	1.0	50	3.0	1.2	w0.6	1.0	2.00	3.90	5.40	6.90
Essex.....	43	□	1.1	50	3.0	1.5	0.8	1.2	1.11	4.05	5.85	7.65
Etobicoke Twp.....	40		1.2	60	4.0	...	...	1.0	1.25	3.87	6.12	8.37
Exeter.....	40	◆	...	50	3.6	1.8	w0.8	1.1	2.22	4.86	6.66	8.46
Fergus.....	41	◆	1.1	50	4.0	1.5	w0.7	1.1	2.00	4.50	6.07	7.65
Finch.....	42	1.5	...	50	3.0	1.5	0.8	1.2	1.95	4.05	5.85	7.65
Flesherton.....	40	◆	...	50	2.0	1.1	0.6	1.1	1.11	2.88	4.23	5.58
Fonthill.....	41	1.2	...	60	3.0	...	...	1.3	0.83	3.84	6.77	9.69
Forest.....	41	□	...	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Forest Hill.....	37	1.2	1.1	50	3.0	1.5	0.8	1.2	0.83	4.05	5.85	7.65
Fort William.....	31	1.2	1.11	60	2.0	...	...	0.8	0.83	2.45	4.25	6.05
Frankford.....	36	□	...	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Galt.....	36	□	1.1	50	3.0	...	...	1.1	2.00	3.33	5.80	8.28
Georgetown.....	39	□/1.2	...	50	3.2	1.5	w0.7	1.1	2.00	4.14	5.71	7.29
Glen Williams.....	39	□/1.2	...	50	3.2	1.6	w0.8	1.1	2.00	4.32	6.12	7.92
†Geraldton.....	45	◆	▲	50	4.0	2.0	w0.9	1.2	2.22	5.40	7.42	9.45
Glencoe.....	45	1.1	...	50	2.4	1.2	0.7	1.0	1.11	3.24	4.81	6.39
N Gloucester Twp.....	38	◆	◆	50	4.0	1.7	w0.7	1.0	2.00	5.40	7.15	8.90
Goderich.....	42	□	1.1	50	3.0	1.5	0.8	1.2	1.11	4.05	5.85	7.65
†Gogama.....	45	1.5	...	50	7.0	3.5	...	1.6	2.78	9.45	13.05	16.65
Grand Bend.....	42	1.35	...	50	4.0	2.0	...	1.4	2.50	5.40	8.55	11.70
N Grand Valley.....	...	□	...	50	2.8	1.1	w0.7	1.0	1.40	3.60	5.35	7.10
Granton.....	50	...	...	60	3.9	...	...	1.4	1.11	4.50	7.65	10.80
Gravenhurst.....	40	1.2	...	50	2.8	1.1	w0.7	1.0	1.67	3.24	4.81	6.39
Grimsbey.....	43	1.1	1.1	50	3.2	1.6	w0.8	1.0	1.39	4.32	6.12	7.92
Guelph.....	34	□	1.1	50	3.6	1.8	1.0	1.1	1.67	4.86	7.11	9.36
Hagersville.....	41	□	...	60	2.8	...	...	1.1	0.83	3.39	5.87	8.34
†Haileybury.....	42	1.22	...	50	4.0	2.0	w0.8	1.1	1.39	5.40	7.20	9.00
Hamilton.....	40	□	1.1	60	2.7	...	...	1.1	0.83	3.34	5.81	8.29
Hanover.....	38	1.1	...	60	2.2	...	...	1.0	0.83	2.90	5.15	7.40
Harriston.....	39	□	1.1	50	3.0	1.5	0.9	1.2	1.39	4.05	6.07	8.10
Harrow.....	38	□	1.1	50	3.0	1.5	0.9	1.2	0.83	4.05	6.07	8.10
Hastings.....	41	◆	...	50	4.0	1.3	w0.7	1.1	2.22	4.14	5.71	7.29
Havelock.....	40	□	...	50	2.8	1.3	w0.8	1.1	1.40	3.60	5.40	7.20
Hawkesbury.....	36	□	1.1	50	3.0	1.5	w0.7	1.1	1.70	4.05	5.62	7.20
Hearst.....	45	◆	1.1	50	4.6	1.5	w0.7	1.1	2.78	4.77	6.34	7.92
Hensall.....	45	1.2	...	60	3.2	...	...	1.0	0.83	3.44	5.69	7.94
†Hepworth.....	45	1.22	...	50	3.6	1.8	w0.8	1.1	1.67	4.86	6.66	8.46
Hespeler.....	38	□	1.1	60	3.2	...	...	1.1	0.83	3.61	6.08	8.56
Highgate.....	45	1.2	...	60	3.2	...	...	0.9	0.83	3.27	5.29	7.32
Holstein.....	41	1.1	...	60	3.0	...	...	1.0	1.11	3.33	5.58	7.83

†Retail service provided by The Hydro-Electric Power Commission of Ontario.
For explanatory notes and water-heating schedules see pages 222 and 223.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1965

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per Kw	Space Heating per Kw (Alternative to Regular Rate)	Demand Rate per 100 Watts 5.0 Cents, Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kw for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per Kw for Use of Each Kw of Demand						First Block Hours' Use 50 100	Second Block Hours' Use 50 100	All Addi- tional Hours				
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours					200 Hours	300 Hours		
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$
1.2	1.35	2.0	0.7	0.45	3.20	3.65	1.00	1.2	0.5	0.30			2.70	3.00
...	1.5	2.7	0.8	0.5	3.60	4.05	1.00	2.0	0.5	0.33			3.15	3.45
...	...	2.4	0.8	0.5	3.33	3.78	1.00	1.7	0.5	0.33			2.88	3.18
1.2	1.5	3.0	0.8	0.5	3.87	4.32	1.00	2.3	0.5	0.33			3.42	3.72
1.3	1.5	2.8	0.8	0.5	3.69	4.14	1.00	2.0	0.5	0.33			3.15	3.45
...	1.5	2.5	0.8	0.5	3.42	3.87	1.00	2.0	0.5	0.33			3.15	3.45
...	1.5	1.6	0.8	0.5	2.61	3.06	1.00	1.0	0.5	0.33			2.25	2.55
1.3	1.5	2.5	...	1.2	3.78	4.86	1.35	2.5	1.6	0.33			3.36	3.65
1.1	...	2.2	0.8	0.5	3.15	3.60	1.00	1.6	0.5	0.33			2.79	3.09
...	1.5	1.8	0.8	0.5	2.79	3.24	1.00	1.3	0.5	0.33			2.52	2.82
0.8	...	1.9	...	0.4	2.52	2.88	1.00	1.4	0.9	0.33			2.23	2.53
1.1	...	1.8	0.8	0.5	2.79	3.24	1.00	1.1	0.5	0.33			2.34	2.64
1.1	1.5	2.2	0.8	0.5	3.15	3.60	1.20	1.6	1.0	0.30			2.52	2.79
1.1	1.5	2.4	0.8	0.5	3.33	3.78	1.00	1.7	0.5	0.33			2.88	3.18
...	1.5	2.6	0.8	0.5	3.51	3.96	1.00	2.0	0.5	0.33			3.15	3.45
1.2	1.5	3.7	0.8	0.5	4.50	4.95	1.00	2.8	0.5	0.33			3.87	4.17
...	1.5	2.4	0.8	0.5	3.33	3.78	1.00	1.9	0.5	0.33			3.06	3.36
1.35	1.35	2.0	0.7	0.45	3.20	3.65	1.00	1.4	0.5	0.30			2.90	3.20
...	...	2.5	0.8	0.5	3.42	3.87	1.00	2.0	0.5	0.33			3.15	3.45
1.6	1.5	5.8	0.8	0.5	6.39	6.84	1.00	5.1	0.5	0.33			5.94	6.24
1.4	1.5	3.8	0.8	0.5	4.59	5.04	1.00	2.8	0.5	0.33			3.87	4.17
...	...	2.2	0.7	0.45	3.40	3.85	1.00	1.4	0.5	0.30			2.90	3.20
...	...	3.4	...	1.3	4.68	5.85	1.35	2.6	1.7	0.33			3.45	3.74
1.0	1.5	1.9	0.8	0.5	2.88	3.33	1.00	1.4	0.5	0.33			2.61	2.91
1.0	1.5	2.7	0.8	0.5	3.60	4.05	1.00	2.2	0.5	0.33			3.33	3.63
...	1.5	2.6	0.8	0.5	3.51	3.96	1.00	1.8	0.5	0.33			2.97	3.27
1.1	...	2.3	...	0.9	3.33	4.14	1.20	1.7	1.2	0.30			2.65	2.92
1.1	1.5	3.6	0.8	0.5	4.41	4.86	1.00	2.4	0.5	0.33			3.51	3.81
...	...	2.0	0.8	0.5	2.97	3.42	1.00	1.2	0.5	0.35			2.43	2.74
...	1.5	1.7	...	1.0	2.88	3.78	1.00	1.5	0.9	0.30			2.25	2.52
1.2	1.5	2.8	0.8	0.5	3.69	4.14	1.00	2.1	0.5	0.33			3.24	3.54
1.2	1.5	2.7	0.8	0.5	3.60	4.05	1.00	2.0	0.5	0.33			3.15	3.45
1.1	1.5	2.4	0.8	0.5	3.33	3.78	1.00	1.9	0.5	0.33			3.06	3.36
1.2	1.5	2.3	0.8	0.5	3.24	3.69	1.00	1.7	0.5	0.33			2.88	3.18
1.2	1.5	2.4	0.8	0.5	3.33	3.78	1.00	1.6	0.5	0.33			2.79	3.09
1.2	1.5	2.8	0.8	0.5	3.69	4.14	1.00	2.0	0.5	0.33			3.15	3.45
...	...	2.7	...	0.9	3.69	4.50	1.20	2.1	1.4	0.30			2.92	3.19
1.5	1.5	3.2	0.8	0.5	4.05	4.50	1.00	2.4	0.5	0.33			3.51	3.81
...	...	2.6	...	0.9	3.60	4.41	1.20	1.6	1.0	0.33			2.55	2.84
...	...	2.8	...	0.7	3.60	4.23	1.35	2.6	1.7	0.33			3.45	3.74
...	...	2.5	...	0.8	3.42	4.14	1.35	3.5	2.3	0.33			4.12	4.42

RATES AND TYPICAL BILLS FOR
in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

Municipality	Flat-Rate Water Heating per 100 Watts or Schedule Number		RESIDENTIAL SERVICE										
			House Heating per Kwh (See Notes)	All-Electric Rate per Kwh (See Notes)	Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
						First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
¢ No.	¢	¢	No.	¢	¢	¢	¢	\$	\$	\$	\$		
†Hornepayne	60	◆	◆	50	6.6	2.3	w1.0	1.33	3.33	7.11	9.36	11.61	
†Hudson	45	◆	◆	50	4.4	2.2	w0.9	1.2	2.22	5.94	7.96	9.99	
N Huntsville	40	□	..	50	2.8	1.1	w0.7	1.0	1.40	3.60	5.35	7.10	
Ingersoll	*40	□	1.1	50	3.6	1.8	w0.7	1.1	1.80	4.86	6.43	8.01	
Iroquois	40	□/1.2	..	50	2.8	1.4	w0.7	1.1	1.67	3.78	5.35	6.93	
Jarvis	45	1.1	..	50	3.2	1.6	0.9	1.3	0.83	4.32	6.34	8.37	
†Jellicoe	45	◆	◆	50	4.4	2.2	w0.9	1.2	2.22	5.94	7.96	9.99	
Kapuskasing	35	□	..	50	3.0	1.5	0.9	1.2	1.11	4.05	6.07	8.10	
†Kearns	45	1.22	..	50	3.6	1.8	w0.8	1.1	1.39	4.86	6.66	8.46	
Kemptville	43	◆	1.1	50	4.0	1.5	w0.8	1.1	2.00	4.50	6.30	8.10	
Killaloe Station	42	◆	..	50	4.2	2.1	w0.8	1.1	2.22	5.67	7.47	9.27	
N Kincardine	43	◆	..	50	2.8	1.1	w0.6	1.0	1.40	3.60	5.10	6.60	
N King City	42	◆	●	50	3.6	1.7	w0.7	1.0	1.80	5.20	6.95	8.70	
†King Kirkland	42	1.22	..	50	3.6	1.8	w0.8	1.1	1.39	4.86	6.66	8.46	
Kingston	38	X □	..	50	2.2	1.1	...	1.0	1.11	2.97	5.22	7.47	
Kingsville	40	..	1.1	50	2.4	1.2	0.7	1.0	0.83	3.24	4.81	6.39	
Kirkfield	40	◆	..	50	3.2	1.6	1.0	1.1	1.67	4.32	6.57	8.82	
†Kirkland Lake	42	1.22	..	50	3.6	1.8	w0.8	1.1	1.39	4.86	6.66	8.46	
Kitchener	39	◆	..	50	2.5	1.2	0.7	1.1	1.30	3.28	4.86	6.43	
N Lakefield	38	◆	1.0	50	3.0	1.2	w0.7	1.0	1.50	3.90	5.65	7.40	
Lambeth	43	1.1	1.1	50	3.5	1.7	w0.8	1.3	1.75	4.63	6.43	8.23	
Lanark	39	1.1	..	50	2.2	1.1	0.7	1.0	0.83	2.97	4.54	6.12	
Lancaster	40	..	1.1	50	3.4	1.7	w0.8	1.1	1.70	4.59	6.39	8.19	
Larder Lake Twp.	43	1.2	..	60	3.5	...	...	1.1	1.11	3.77	6.25	8.72
Latchford	43	◆	..	50	3.0	1.5	0.8	1.2	1.39	4.05	5.85	7.65	
Leamington	41	□	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38	
Lindsay	41	□	1.1	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11	
Listowel	41	◆	1.1	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38	
N London	38	◆	1.0	50	4.0	1.3	...	1.0	2.00	4.60	7.10	9.60	
Long Branch	37	1.2	..	60	3.3	...	...	1.0	2.00	3.49	5.74	7.99
L'Orignal	40	□	1.1	50	3.4	1.7	w0.8	1.1	1.70	4.59	6.39	8.19	
Lucan	40	◆	1.1	50	3.2	1.4	w0.8	1.1	1.67	3.96	5.76	7.56	
Lucknow	45	1.1	..	55	2.7	...	...	1.0	1.39	3.10	5.35	7.60
Lynden	43	◆	1.1	50	3.0	1.2	w0.7	1.1	1.50	3.51	5.08	6.66	
Madoc	40	1.2	1.1	50	2.4	1.2	0.7	1.0	0.83	3.24	4.81	6.39	
Magnetawan	45	◆	..	50	4.2	2.1	w0.9	1.2	2.22	5.67	7.69	9.72	
Markdale	45	1.1	..	60	2.5	...	...	1.0	1.11	3.06	5.31	7.56
Markham	44	1.2	1.1	50	3.4	1.7	w0.8	1.1	1.70	4.59	6.39	8.19	
Marmora	43	□	..	50	2.8	1.4	0.8	1.1	1.39	3.78	5.58	7.38	
Martintown	38	1.5	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38	

†Retail service provided by The Hydro-Electric Power Commission of Ontario.
X House Heating through the regular residential meter but with all consumption over 1,250 kwh, billed at 1.1¢ gross per kwh.
*Applicable to flat rate water heaters of 750 watts and above; for flat-rate water heaters of 750 watts or below, apply Schedule No. 43.
For explanatory notes and water-heating schedules see pages 222 and 223.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1965

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE								
Commercial Cooking per Kwh	Space Heating per Kwh (Alternative to Regular Rate)	Demand Rate per 100 Watts 5.0 Cents, Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kwh for Use of Each Kw of Demand						Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per Kwh for Use of Each Kw of Demand						First Block Hours' Use 50 100	Second Block Hours' Use 50 100	All Addi- tional Hours					
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours					200 Hours	300 Hours			
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$	
1.5	1.5	°6.0	0.8	0.5	6.57	7.02	1.00	..	4.3	..	0.5	0.33	5.22	5.52	
1.2	1.5	°3.8	0.8	0.5	4.59	5.04	1.00	..	3.3	..	0.5	0.33	4.32	4.62	
1.1	1.35	°1.9	0.7	0.4	3.10	3.50	1.00	..	1.0	..	0.5	0.30	2.50	2.80	
1.1	1.5	°2.9	0.8	0.5	3.78	4.23	1.00	..	1.6	..	0.5	0.33	2.79	3.09	
1.1	1.5	°2.0	0.8	0.5	2.97	3.42	1.00	..	1.5	..	0.5	0.33	2.70	3.00	
...	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	..	2.3	..	0.5	0.33	3.42	3.72	
1.2	1.5	°3.8	0.8	0.5	4.59	5.04	1.00	..	3.3	..	0.5	0.33	4.32	4.62	
1.2	1.5	°2.7	0.8	0.5	3.60	4.05	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
1.1	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
...	...	°2.7	0.8	0.5	3.60	4.05	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
...	1.5	°2.9	0.8	0.5	3.78	4.23	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
1.2	1.35	°2.4	0.7	0.45	3.60	4.05	1.00	..	1.8	..	0.5	0.30	3.30	3.60	
1.1	1.35	°2.0	0.7	0.45	3.20	3.65	1.00	..	1.7	..	0.5	0.30	3.20	3.50	
1.1	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
...	1.5	2.2	0.8	0.5	3.15	3.60	1.00	..	1.2	..	0.5	0.33	2.43	2.73	
...	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.7	..	0.5	0.33	2.88	3.18	
1.2	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
1.1	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
...	...	°2.0	0.8	0.5	2.97	3.42	1.00	..	1.5	..	0.5	0.33	2.70	3.00	
1.2	1.35	°2.7	0.7	0.45	3.90	4.35	1.00	..	1.6	..	0.5	0.30	3.10	3.40	
...	...	°3.1	0.8	0.5	3.96	4.41	1.00	..	2.6	..	0.5	0.33	3.69	3.99	
...	1.5	°1.9	0.8	0.5	2.88	3.33	1.00	..	1.4	..	0.5	0.33	2.61	2.91	
...	...	°2.8	0.8	0.5	3.69	4.14	1.00	..	2.3	..	0.5	0.33	3.42	3.72	
...	...	3.0	...	1.0	4.05	4.95	1.35	3.1	..	2.0	..	0.33	3.81	4.10	
...	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	1.7	..	0.5	0.33	2.88	3.18	
1.1	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
...	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.5	..	0.5	0.33	2.70	3.00	
1.2	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	..	1.8	..	0.5	0.33	2.97	3.27	
1.0	1.35	°2.2	0.7	0.45	3.40	3.85	1.00	..	1.5	..	0.5	0.30	3.00	3.30	
1.2	1.5	°1.8	0.8	0.5	2.79	3.24	1.00	..	1.3	..	0.5	0.33	2.52	2.82	
1.1	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	1.7	..	0.5	0.33	2.88	3.18	
1.4	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	1.8	..	0.5	0.33	2.97	3.27	
...	...	2.2	...	0.8	3.15	3.87	1.35	2.8	..	1.8	..	0.33	3.58	3.88	
1.2	1.5	°2.1	0.8	0.5	3.06	3.51	1.00	..	1.6	..	0.5	0.33	2.79	3.09	
1.0	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.8	..	0.5	0.33	2.97	3.27	
1.5	1.5	°3.7	0.8	0.5	4.50	4.95	1.00	..	2.8	..	0.5	0.33	3.87	4.17	
...	...	2.0	...	1.0	3.15	4.05	1.20	1.9	..	1.3	..	0.30	2.79	3.06	
1.2	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	..	1.8	..	0.5	0.33	2.97	3.27	
1.1	...	°2.6	0.8	0.5	3.51	3.96	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
...	...	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.7	..	0.5	0.33	2.88	3.18	

RATES AND TYPICAL BILLS FOR
in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

Municipality	Flat-Rate Water Heating per 100 Watts or Schedule Number	RESIDENTIAL SERVICE										
		House Heating per Kwh (See Notes)	All-Electric Rate per Kwh (See Notes)	Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge	Net Monthly Bill for		
					First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
	¢ No.	¢	¢	No.	¢	¢	¢	¢	\$	\$	\$	\$
Massey.....	45	◆	1.2	50	4.5	2.2	w0.8	1.2	1.67	5.98	7.78	9.58
†Matachevan.....	45	1.22	..	50	3.6	1.8	w0.8	1.1	1.39	4.86	6.66	8.46
†Matheson.....	45	1.22	..	50	3.4	1.7	w0.8	1.1	1.39	4.59	6.39	8.19
†Mattawa.....	45	1.22	..	50	5.2	2.6	w0.8	1.1	1.67	7.02	8.82	10.62
Maxville.....	46	□	1.1	50	3.0	1.5	w0.8	1.1	1.50	4.05	5.85	7.65
McGarry Twp.....	40	1.2	..	60	3.5	...	...	1.1	1.11	3.77	6.25	8.72
Meaford.....	42	1.1	..	60	2.6	...	...	1.0	0.83	3.11	5.36	7.61
Merlin.....	44	1.2	..	60	3.1	...	...	1.0	0.83	3.38	5.63	7.88
Merrickville.....	41	□	1.1	50	3.2	1.6	w0.8	1.1	1.60	4.32	6.12	7.92
Midland.....	39	◆	..	50	1.9	0.9	0.8	1.1	1.11	2.47	4.27	6.07
Mildmay.....	40	1.1	..	50	3.2	1.4	w0.8	1.1	1.67	3.96	5.76	7.56
Millbrook.....	43	□	..	50	4.0	2.0	w0.8	1.1	2.00	5.40	7.20	9.00
N Milton.....	43	1.0	1.0	50	3.5	1.2	w0.7	1.0	1.75	4.15	5.90	7.65
Milverton.....	43	1.2	..	50	3.0	1.5	0.9	1.2	1.39	4.05	6.07	8.10
Mimico.....	33	1.1	1.1	50	2.6	1.0	...	0.9	1.67	2.97	4.99	7.02
Mitchell.....	40	1.1	1.1	50	3.4	1.7	w0.8	1.1	1.67	4.59	6.39	8.19
Moorefield.....	43	1.1	1.1	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Morrisburg.....	40	◆	1.1	50	3.0	1.5	w0.8	1.1	1.67	4.05	5.85	7.65
Mount Brydges.....	41	◆	1.1	50	3.4	1.6	w0.8	1.1	2.00	4.41	6.21	8.01
N Mount Forest.....	..	◆	..	50	2.3	1.2	w0.7	1.0	1.15	3.55	5.30	7.05
Napanee.....	38	□	..	50	2.6	1.3	0.8	1.1	0.83	3.51	5.31	7.11
Nepean Twp.....	38	◆	◆	50	4.6	2.3	w0.7	1.1	2.30	6.21	7.78	9.36
N Neustadt.....	37	◆	..	50	2.4	1.0	w0.6	1.0	1.20	3.20	4.70	6.20
Newboro.....	38	1.2	..	50	3.8	1.9	...	1.0	2.22	5.13	7.38	9.63
Newburgh.....	40	◆	1.2	60	4.3	...	...	1.2	1.39	4.37	7.07	9.77
Newbury.....	45	1.5	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Newcastle.....	42	1.2	1.1	50	2.8	1.4	...	1.0	1.67	3.78	6.03	8.28
New Hamburg.....	39	..	1.1	50	3.0	1.5	0.9	1.2	1.11	4.05	6.07	8.10
†New Liskeard.....	42	1.22	..	50	4.0	2.0	w0.8	1.1	1.39	5.40	7.20	9.00
Newmarket.....	38	1.2	1.1	50	2.8	1.4	w0.8	1.1	1.40	3.78	5.58	7.38
New Toronto.....	37	◆	1.1	60	2.6	...	...	1.2	0.83	3.46	6.16	8.86
Niagara.....	42	1.1	1.1	50	3.2	1.5	w0.8	1.1	1.75	4.14	5.94	7.74
Niagara Falls.....	40	*1.1	..	50	3.5	1.4	...	0.7	1.75	4.09	5.67	7.24
Nipigon Twp.....	37	1.2	1.11	50	3.0	1.2	w0.7	1.0	2.00	3.51	5.08	6.66
North Bay.....	42	..	□	60	2.5	...	...	1.2	1.11	3.40	6.10	8.80
North York Twp.....	37	◆	1.1	50	3.4	1.6	...	1.1	1.67	4.41	6.88	9.36
N Norwich.....	38	◆	1.0	50	3.5	1.2	w0.7	1.0	1.75	4.15	5.90	7.65
Norwood.....	42	□	..	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
§§Oakville.....	40	◆	..	50	4.0	1.8	w0.7	1.1	2.00	5.04	6.61	8.19
Oil Springs.....	45	□	..	50	2.8	1.4	0.8	1.1	0.83	3.78	5.58	7.38

†Retail service provided by The Hydro-Electric Power Commission of Ontario.
*Residential Electric Heating 1.1¢ gross per kwh for all monthly consumption over 1,250 kwh per month where total load is on one meter.
For explanatory notes and water-heating schedules see pages 222 and 223.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1965

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE								
Commercial Cooking per Kwh	Space Heating per Kwh (Alternative to Regular Rate)	Demand Rate per 100 Watts 5.0 Cents, Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kwh for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand		
		Energy Rate per Kwh for Use of Each Kw of Demand													
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours			First Block	Second Block	All Addi- tional Hours	200 Hours	300 Hours		
								Hours' Use 50 100	Hours' Use 50 100						
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$	
1.2	1.5	4.0	0.8	0.5	4.77	5.22	1.00	..	2.5	..	0.5	0.33	3.60	3.90	
1.1	1.5	3.0	0.8	0.5	3.87	4.32	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
1.1	1.5	3.3	0.8	0.5	4.14	4.59	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
1.1	1.5	5.2	0.8	0.5	5.85	6.30	1.00	..	3.2	..	0.5	0.33	4.23	4.53	
...	1.5	2.9	0.8	0.5	3.78	4.23	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
1.3	...	3.0	...	1.0	4.05	4.95	1.35	3.1	..	2.0	..	0.33	3.81	4.10	
1.0	1.5	2.2	...	0.8	3.15	3.87	1.20	2.1	..	1.4	..	0.30	2.92	3.19	
...	...	2.6	...	0.7	3.42	4.05	1.35	2.8	..	1.8	..	0.33	3.58	3.88	
...	1.5	2.6	0.8	0.5	3.51	3.96	1.00	..	1.5	..	0.5	0.33	2.70	3.00	
...	1.5	1.6	0.8	0.5	2.61	3.06	1.00	..	0.9	..	0.5	0.33	2.16	2.46	
1.3	1.5	2.6	0.8	0.5	3.51	3.96	1.00	..	2.1	..	0.5	0.33	3.24	3.54	
...	1.5	3.5	0.8	0.5	4.32	4.77	1.00	..	2.3	..	0.5	0.33	3.42	3.72	
1.2	1.35	2.1	0.7	0.4	3.30	3.70	1.00	..	1.6	..	0.5	0.30	3.10	3.40	
...	...	2.6	0.8	0.5	3.51	3.96	1.00	..	1.8	..	0.5	0.33	2.97	3.27	
1.2	1.5	1.7	0.8	0.5	2.70	3.15	1.00	..	1.2	..	0.5	0.33	2.43	2.73	
1.4	1.5	2.9	0.8	0.5	3.78	4.23	1.00	..	2.1	..	0.5	0.33	3.24	3.54	
...	1.5	2.7	0.8	0.5	3.60	4.05	1.00	..	2.2	..	0.5	0.33	3.33	3.63	
...	1.5	2.2	0.8	0.5	3.15	3.60	1.00	..	1.8	..	0.5	0.33	2.97	3.27	
...	1.5	2.8	0.8	0.5	3.69	4.14	1.00	..	2.2	..	0.5	0.33	3.33	3.63	
1.1	1.35	2.0	0.7	0.45	3.20	3.65	1.00	..	1.5	..	0.5	0.30	3.00	3.30	
1.1	1.5	2.2	0.8	0.5	3.15	3.60	1.00	..	1.3	..	0.5	0.33	2.52	2.82	
1.3	1.5	2.4	0.8	0.5	3.33	3.78	1.00	..	2.0	..	0.5	0.33	3.15	3.45	
...	1.35	1.7	0.7	0.45	2.90	3.35	1.00	..	1.0	..	0.5	0.30	2.50	2.80	
...	...	3.0	0.8	0.5	3.87	4.32	1.00	..	2.2	..	0.5	0.33	3.33	3.63	
1.2	...	3.8	...	1.2	4.95	6.03	1.35	2.5	..	1.6	..	0.33	3.36	3.65	
...	...	2.4	0.8	0.5	3.33	3.78	1.00	..	1.9	..	0.5	0.33	3.06	3.36	
1.0	1.5	2.7	0.8	0.5	3.60	4.05	1.00	..	1.9	..	0.5	0.33	3.06	3.36	
...	1.5	2.6	0.8	0.5	3.51	3.96	1.00	..	1.9	..	0.5	0.33	3.06	3.36	
1.1	1.5	3.6	0.8	0.5	4.41	4.86	1.00	..	2.4	..	0.5	0.33	3.51	3.81	
1.2	1.5	2.4	0.8	0.5	3.33	3.78	1.00	..	1.7	..	0.5	0.33	2.88	3.18	
1.2	1.5	2.1	0.8	0.5	3.06	3.51	1.00	..	1.4	..	0.5	0.33	2.61	2.91	
1.4	1.5	2.9	0.8	0.5	3.78	4.23	1.00	..	2.1	..	0.5	0.33	3.24	3.54	
1.1	s	2.2	0.8	0.5	3.15	3.60	1.00	..	1.5	..	0.5	0.33	2.70	3.00	
1.1	1.5	2.3	0.8	0.5	3.24	3.69	1.00	..	1.6	..	0.5	0.33	2.79	3.09	
1.2	1.5	2.0	...	0.9	3.06	3.87	1.20	2.1	..	1.4	..	0.30	2.92	3.19	
1.2	1.5	2.5	0.8	0.5	3.42	3.87	1.00	..	1.7	..	0.5	0.33	2.88	3.18	
1.1	1.35	2.7	0.7	0.45	3.90	4.35	1.00	..	2.0	..	0.5	0.30	3.50	3.80	
1.1	1.5	2.1	0.8	0.5	3.06	3.51	1.00	..	1.6	..	0.5	0.33	2.79	3.09	
1.3	1.5	2.6	0.8	0.5	3.51	3.96	1.00	..	1.8	..	0.5	0.33	2.97	3.27	
...	1.5	2.7	0.8	0.5	3.60	4.05	1.00	..	2.2	..	0.5	0.33	3.33	3.63	

RATES AND TYPICAL BILLS FOR
in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

Municipality	Flat-Rate Water Heating per 100 Watts or Schedule Number		RESIDENTIAL SERVICE										
			House Heating per Kwh (See Notes)	All-Electric Rate per Kwh (See Notes)	Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
						First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
	¢ No.	¢	¢	No.	¢	¢	¢	¢	\$	\$	\$	\$	
Omemece.....	45	□	..	50	3.4	1.7	w0.9	1.1	2.22	4.59	6.61	8.64	
Orangeville.....	43	1.1	1.1	50	3.0	1.5	0.9	1.2	1.11	4.05	6.07	8.10	
Orillia.....	36	1.33	..	60	2.3	...	...	0.9	0.83	2.78	4.81	6.83
Orono.....	40	..	1.1	50	3.0	1.5	...	1.1	1.50	4.05	6.52	9.00	
N Oshawa.....	34	◆	1.0	50	2.5	1.1	c0.8	1.0	1.50	3.45	5.45	7.45	
Ottawa.....	32	..	*	..	a { 60	{ 2.0	◆ 0.5	0.83	2.80	3.92	5.05
Otterville.....	44	□	..	50	3.4	1.4	w0.8	1.1	1.50	4.05	5.85	7.65	
Owen Sound.....	37	1.1	1.1	60	2.4	...	...	1.1	1.11	3.18	5.65	8.13
Paisley.....	43	1.1	..	60	3.5	...	...	1.0	1.39	3.60	5.85	8.10
Palmerston.....	43	◆	1.1	50	3.0	1.5	w0.8	1.1	2.22	4.05	5.85	7.65	
Paris.....	42	1.2	..	60	2.8	...	...	1.3	0.83	3.73	6.66	9.58
Parkhill.....	44	1.2	..	50	3.2	1.6	0.9	1.3	1.11	4.32	6.34	8.37	
Parry Sound.....	42	◆	1.1	50	3.4	1.7	...	1.1	1.67	4.59	7.06	9.54	
Penetanguishene.....	37	1.1	..	50	2.2	1.1	0.7	1.0	1.11	2.97	4.54	6.12	
Perth.....	37	1.1	..	50	2.8	1.4	...	1.0	1.67	3.78	6.03	8.28	
Peterborough.....	36	□	1.1	50	4.7	...	...	1.1	2.35	4.09	6.57	9.04
Petrolia.....	45	□	..	50	3.2	1.6	1.0	1.1	0.83	4.32	6.57	8.82	
Pickering.....	37	□	..	50	3.8	1.9	w0.8	1.1	1.90	5.13	6.93	8.73	
† Pickle Lake Landing.....	45	◆	◆	50	4.4	2.2	w0.9	1.2	2.22	5.94	7.96	9.99	
Picton.....	41	□	..	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11	
Plantagenet.....	43	□	..	50	4.8	2.4	w0.8	1.1	2.40	6.48	8.28	10.08	
Plattsville.....	42	◆	1.1	50	3.4	1.7	w0.8	1.1	1.70	4.59	6.39	8.19	
Point Edward.....	38	◆	1.1	50	3.0	1.5	0.9	1.1	1.67	4.05	6.07	8.10	
Port Arthur.....	38	1.2	■	50	4.0	1.2	w0.6	0.9	2.00	3.96	5.31	6.66	
Port Burwell.....	45	◆	1.2	50	4.4	2.2	w0.8	1.2	2.78	5.94	7.74	9.54	
† Port Carling.....	41	1.22	..	50	4.4	2.2	w0.8	1.2	3.33	5.94	7.74	9.54	
Port Colborne.....	41	□	1.1	60	2.8	1.2	w0.8	1.2	0.83	3.56	5.40	7.20	
Port Credit.....	38	1.2	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38	
Port Dover.....	48	◆	..	50	2.8	1.4	w0.8	1.1	2.22	3.78	5.58	7.38	
Port Elgin.....	44	□	1.2	50	3.2	1.6	0.9	1.3	2.00	4.32	6.34	8.37	
Port Hope.....	40	□	1.1	50	3.0	1.5	0.9	1.2	1.11	4.05	6.07	8.10	
N Port McNicoll.....	39	◆	..	50	2.3	1.0	w0.6	1.0	1.65	3.15	4.65	6.15	
Port Perry.....	45	◆	..	50	3.4	1.4	w0.7	1.1	1.70	4.05	5.62	7.20	
Port Rowan.....	50	1.2	..	50	3.0	1.4	w0.8	1.1	2.22	3.87	5.67	7.47	
Port Stanley.....	45	◆	..	50	3.2	1.6	1.0	1.1	2.22	4.32	6.57	8.82	
† Powassan.....	42	1.22	..	50	3.6	1.8	w0.8	1.1	1.67	4.86	6.66	8.46	
Prescott.....	37	1.1	1.1	50	2.4	1.2	w0.6	1.0	1.67	3.24	4.59	5.94	
Preston.....	36	□	1.1	50	3.0	1.5	0.9	1.2	1.39	4.05	6.07	8.10	
Priceville.....	47	□	..	50	4.0	2.0	...	1.2	2.00	5.40	8.10	10.80	
Princeton.....	45	1.1	1.1	60	3.0	...	...	1.0	1.39	3.33	5.58	7.83

†Retail service provided by The Hydro-Electric Power Commission of Ontario.
*Residential Electric Heating 2.0¢ gross per kwh for all monthly consumption over 1,500 kwh, where total load is on one meter, applicable to customers so designated by utility.
For explanatory notes and water-heating schedules see pages 222 and 223.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1965

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per Kwh	Space Heating per Kwh (Alternative to Regular Rate)	Demand Rate per 100 Watts 5.0 Cents, Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kwh for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per Kwh for Use of Each Kw of Demand												
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours		First Block Hours' Use 50 100		Second Block Hours' Use 50 100		All Addi- tional Hours	200 Hours	300 Hours
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$
...	1.5	³3.2	0.8	0.5	4.05	4.50	1.00	..	2.8	..	0.5	0.33	3.87	4.17
...	1.5	²2.3	0.8	0.5	3.24	3.69	1.00	..	1.4	..	0.5	0.33	2.61	2.91
...	1.5	1.8	...	0.8	2.79	3.51	1.00	1.4	..	0.9	..	0.30	2.20	2.47
...	...	²2.6	0.8	0.5	3.51	3.96	1.00	..	2.0	..	0.5	0.33	3.15	3.45
1.1	1.35	¹1.6	0.7	0.45	2.80	3.25	1.00	..	1.3	..	0.5	0.30	2.80	3.10
...	...	2.0	0.8	0.5	2.97	3.42	1.00	..	1.4	..	0.5	0.33	2.61	2.91
...	...	³3.0	0.8	0.5	3.87	4.32	1.00	..	2.5	..	0.5	0.33	3.60	3.90
...	...	²2.0	0.8	0.5	2.97	3.42	1.00	1.5	..	1.1	..	0.30	2.34	2.61
...	1.5	3.0	...	1.0	4.05	4.95	1.35	2.6	..	1.7	..	0.33	3.45	3.74
1.2	1.5	²2.5	0.8	0.5	3.42	3.87	1.00	..	1.7	..	0.5	0.33	2.88	3.18
...	1.5	2.3	...	0.8	3.24	3.96	1.00	1.5	..	1.1	..	0.30	2.34	2.61
1.3	...	²2.9	0.8	0.5	3.78	4.23	1.00	..	2.2	..	0.5	0.33	3.33	3.63
1.5	1.5	²2.8	0.8	0.5	3.69	4.14	1.00	..	2.1	..	0.5	0.33	3.24	3.54
...	...	¹1.6	0.8	0.5	2.61	3.06	1.00	..	1.0	..	0.5	0.33	2.25	2.55
...	1.5	²2.0	0.8	0.5	2.97	3.42	1.00	..	1.3	..	0.5	0.33	2.52	2.82
1.1	1.5	²2.2	0.8	0.5	3.15	3.60	1.00	..	1.2	..	0.5	0.33	2.43	2.73
...	1.5	3.2	0.8	0.5	4.05	4.50	1.00	..	2.7	..	0.5	0.33	3.78	4.08
...	1.5	²2.0	0.8	0.5	2.97	3.42	1.00	..	1.5	..	0.5	0.33	2.70	3.00
1.2	1.5	³3.8	0.8	0.5	4.59	5.04	1.00	..	3.3	..	0.5	0.33	4.32	4.62
...	1.5	2.1	0.8	0.5	3.06	3.51	1.00	..	1.6	..	0.5	0.33	2.79	3.09
1.2	1.5	³3.5	0.8	0.5	4.32	4.77	1.00	..	3.0	..	0.5	0.33	4.05	4.35
1.1	1.5	³3.2	0.8	0.5	4.05	4.50	1.00	..	2.5	..	0.5	0.33	3.60	3.90
1.3	1.5	²2.7	0.8	0.5	3.60	4.05	1.00	..	1.6	..	0.5	0.33	2.79	3.09
...	1.5	²2.0	0.8	0.5	2.97	3.42	1.00	..	1.3	..	0.5	0.33	2.52	2.82
...	1.5	³3.4	0.8	0.5	4.23	4.68	1.00	..	2.5	..	0.5	0.33	3.60	3.90
1.6	1.5	4.2	0.8	0.5	4.95	5.40	1.00	..	2.7	..	0.5	0.33	3.78	4.08
1.2	1.5	2.5	...	1.1	3.69	4.68	1.20	1.9	..	1.3	..	0.30	2.79	3.06
1.4	1.5	²2.2	0.8	0.5	3.15	3.60	1.00	..	1.7	..	0.5	0.33	2.88	3.18
1.1	1.5	²2.7	0.8	0.5	3.60	4.05	1.00	..	1.6	..	0.5	0.33	2.79	3.09
1.2	1.5	²2.8	0.8	0.5	3.69	4.14	1.00	..	2.2	..	0.5	0.33	3.33	3.63
...	1.5	²2.3	0.8	0.5	3.24	3.69	1.00	..	1.6	..	0.5	0.33	2.79	3.09
...	1.35	¹1.9	0.7	0.45	3.10	3.55	1.00	..	1.4	..	0.5	0.30	2.90	3.20
1.1	1.5	²2.3	0.8	0.5	3.24	3.69	1.00	..	1.8	..	0.5	0.33	2.97	3.27
1.1	1.5	²2.8	0.8	0.5	3.69	4.14	1.00	..	2.3	..	0.5	0.33	3.42	3.72
...	1.5	²2.9	0.8	0.5	3.78	4.23	1.00	..	2.4	..	0.5	0.33	3.51	3.81
1.1	1.5	³3.4	0.8	0.5	4.23	4.68	1.00	..	2.7	..	0.5	0.33	3.78	4.08
1.1	1.5	²2.1	0.8	0.5	3.06	3.51	1.00	..	1.5	..	0.5	0.33	2.70	3.00
1.2	...	²2.5	0.8	0.5	3.42	3.87	1.00	..	1.5	..	0.5	0.33	2.70	3.00
...	...	3.8	0.8	0.5	4.59	5.04	1.00	..	2.9	..	0.5	0.33	3.96	4.26
...	1.5	2.7	...	0.8	3.60	4.32	1.20	2.1	..	1.4	..	0.30	2.92	3.19

RATES AND TYPICAL BILLS FOR
in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

Municipality	RESIDENTIAL SERVICE											
	Flat-Rate Water Heating per 100 Watts or Schedule Number	House Heating per Kwh (See Notes)	All-Electric Rate per Kwh (See Notes)	Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
					First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
¢ No.	¢	¢	No.	¢	¢	¢	¢	\$	\$	\$	\$	
Queenston.....	40	1.1	♦	50	2.6	1.3	♦	0.8	0.83	3.51	5.31	7.11
Rainy River.....	48	♦	♦	50	5.0	2.1	w0.7	1.1	2.50	6.03	7.60	9.18
†Red Lake Twp.....	45	♦	♦	50	4.4	2.2	w0.9	1.2	2.22	5.94	7.96	9.99
N Red Rock.....	32	1.1	1.0	50	3.0	1.0	w0.5	0.9	1.50	3.50	4.75	6.00
Renfrew.....	36	1.1	♦	50	2.6	1.3	0.7	1.0	1.11	3.51	5.08	6.66
Richmond.....	35	1.2	1.1	50	3.0	1.3	w0.7	1.1	1.50	3.69	5.26	6.84
N Richmond Hill.....	37	♦	1.0	50	3.4	1.2	w0.7	1.0	1.70	4.10	5.85	7.60
Ridgetown.....	45	□	♦	60	2.9	♦	♦	1.1	0.83	3.45	5.92	8.40
Ripley.....	43	□	♦	50	2.8	1.4	0.8	1.1	1.39	3.78	5.58	7.38
Riverside.....	36	□	1.1	50	3.2	1.5	w0.8	1.1	1.67	4.14	5.94	7.74
Rockland.....	40	♦	1.1	50	3.0	1.5	w0.8	1.1	1.67	4.05	5.85	7.65
Rockwood.....	45	♦	1.1	50	4.0	1.4	w0.7	1.1	2.00	4.32	5.89	7.47
Rodney.....	45	♦	1.1	50	3.2	1.6	w0.8	1.2	1.60	4.32	6.12	7.92
Rosseau.....	43	□	♦	50	5.0	1.2	♦	1.1	2.50	4.41	6.88	9.36
Russell.....	38	□	♦	50	2.6	1.3	w0.8	1.1	1.33	3.51	5.31	7.11
St. Catharines.....	42	♦	1.1	50	3.5	1.3	w0.7	1.1	1.75	3.91	5.49	7.06
St. Clair Beach.....	42	□	1.1	50	3.6	1.8	w0.8	1.1	1.67	4.86	6.66	8.46
St. George.....	44	1.1	♦	50	2.4	1.2	0.7	1.0	1.11	3.24	4.81	6.39
St. Jacobs.....	42	♦	1.1	60	3.0	♦	♦	1.1	0.83	3.50	5.98	8.45
St. Mary's.....	43 *39	1.1	♦	50	3.0	1.5	0.9	1.2	1.39	4.05	6.07	8.10
St. Thomas.....	40	□	1.1	50	3.2	1.6	♦	1.1	1.11	4.32	6.79	9.27
N Sandwich East Twp....	41	□	1.0	50	4.0	1.5	w0.7	1.0	2.00	5.00	6.75	8.50
Sandwich West Twp....	41	1.1	1.1	50	4.0	1.9	♦	1.0	1.67	5.22	7.47	9.72
Sarnia.....	40	♦	1.1	50	4.0	1.6	w0.7	1.1	1.67	4.68	6.25	7.83
Scarborough Twp.....	37	1.2	1.1	50	3.0	1.5	♦	1.0	2.22	4.05	6.30	8.55
Schreiber Twp.....	37	1.2	1.11	50	3.0	1.1	w0.7	1.0	2.00	3.33	4.90	6.48
Seaforth.....	36	□	1.1	50	3.0	1.5	0.8	1.2	1.11	4.05	5.85	7.65
Shelburne.....	43	□	♦	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Simcoe.....	41	1.1	1.1	50	2.2	1.1	0.7	1.0	1.11	2.97	4.54	6.12
Sioux Lookout.....	49	□	♦	50	4.0	1.5	w0.9	1.2	2.00	4.50	6.52	8.55
Smith's Falls.....	40	♦	1.1	50	3.0	1.5	w0.8	1.1	1.50	4.05	5.85	7.65
Smithville.....	44	□	♦	60	3.2	♦	♦	1.2	0.83	3.78	6.48	9.18
Southampton.....	45	□	♦	50	3.2	♦	♦	1.1	1.11	3.42	5.89	8.37
†South Porcupine.....	42	1.22	♦	50	3.4	1.7	w0.8	1.1	1.39	4.59	6.39	8.19
South River.....	45	♦	♦	50	5.0	2.5	w0.8	1.1	2.22	6.75	8.55	10.35
Springfield.....	41	♦	♦	50	3.0	1.3	w0.7	1.1	2.22	3.69	5.26	6.84
N Stayner.....	41	♦	♦	50	2.4	1.2	w0.7	1.0	1.20	3.60	5.35	7.10
Stirling.....	38	□	♦	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Stoney Creek.....	45	♦	1.1	50	3.6	1.6	w0.8	1.1	2.00	4.50	6.30	8.10
Stouffville.....	39	1.1	1.1	50	3.4	1.6	w0.7	1.1	1.70	4.41	5.98	7.56

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

*Applicable to flat-rate water heaters of 700 watts and above.

For explanatory notes and water heating schedules see pages 222 and 223.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1965

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per Kwh	Space Heating per Kwh (Alternative to Regular Rate)	Demand Rate per 100 Watts 5.0 Cents, Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kwh for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per Kwh for Use of Each Kw of Demand												
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours		First Block Hours' Use 50 100	Second Block Hours' Use 50 100	All Addi- tional Hours	200 Hours	300 Hours		
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$
...	...	°2.4	0.8	0.5	3.33	3.78	1.00	..	1.8	..	0.5	0.33	2.97	3.27
1.3	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	..	2.5	..	0.5	0.33	3.60	3.90
1.2	1.5	°3.8	0.8	0.5	4.59	5.04	1.00	..	3.3	..	0.5	0.33	4.32	4.62
1.1	1.35	°1.2	0.7	0.45	2.40	2.85	1.00	..	0.7	..	0.5	0.30	2.20	2.50
...	...	°1.8	0.8	0.5	2.79	3.24	1.00	..	1.2	..	0.5	0.33	2.43	2.73
...	...	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.9	..	0.5	0.33	3.06	3.36
1.2	1.35	°2.0	0.7	0.45	3.20	3.65	1.00	..	1.4	..	0.5	0.30	2.90	3.20
...	1.5	2.4	...	0.9	3.42	4.23	1.35	2.2	..	1.4	..	0.33	3.13	3.43
...	...	°2.5	0.8	0.5	3.42	3.87	1.00	..	1.8	..	0.5	0.33	2.97	3.27
1.1	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	..	1.7	..	0.5	0.33	2.88	3.18
...	...	°2.5	0.8	0.5	3.42	3.87	1.00	..	1.8	..	0.5	0.33	2.97	3.27
1.2	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	2.0	..	0.5	0.33	3.15	3.45
...	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	..	2.5	..	0.5	0.33	3.60	3.90
...	1.5	°2.9	0.8	0.5	3.78	4.23	1.00	..	2.1	..	0.5	0.33	3.24	3.54
...	1.5	°2.0	0.8	0.5	2.97	3.42	1.00	..	2.0	..	0.5	0.33	3.15	3.45
...	1.5	2.3	0.8	0.5	3.24	3.69	1.20	1.9	..	1.3	..	0.30	2.79	3.06
...	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	..	2.3	..	0.5	0.33	3.42	3.72
...	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.9	..	0.5	0.33	3.06	3.36
...	...	2.5	...	1.0	3.60	4.50	1.20	1.7	..	1.2	..	0.30	2.65	2.92
...	...	°2.5	0.8	0.5	3.42	3.87	1.00	..	1.5	..	0.5	0.33	2.70	3.00
...	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.6	..	0.5	0.33	2.79	3.09
1.0	1.35	°2.7	0.7	0.45	3.90	4.35	1.00	..	2.1	..	0.5	0.30	3.60	3.90
1.0	1.5	°2.9	0.8	0.5	3.78	4.23	1.00	..	2.4	..	0.5	0.33	3.51	3.81
1.5	1.5	°3.5	0.8	0.5	4.32	4.77	1.00	..	2.2	..	0.5	0.33	3.33	3.63
1.2	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.8	..	0.5	0.33	2.97	3.27
...	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.6	..	0.5	0.33	2.79	3.09
...	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	..	1.6	..	0.5	0.33	2.79	3.09
1.1	...	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.5	..	0.5	0.33	2.70	3.00
1.0	1.5	°1.9	0.8	0.5	2.88	3.33	1.00	..	1.4	..	0.5	0.33	2.61	2.91
1.2	1.5	3.5	0.8	0.5	4.32	4.77	1.00	..	2.4	..	0.5	0.33	3.51	3.81
...	1.5	°2.0	0.8	0.5	2.97	3.42	1.00	..	1.4	..	0.5	0.33	2.61	2.91
...	1.5	2.8	...	1.1	3.96	4.95	1.35	2.5	..	1.6	..	0.33	3.36	3.65
...	1.5	2.9	...	1.1	4.05	5.04	1.35	2.2	..	1.4	..	0.33	3.13	3.43
1.1	1.5	°3.3	0.8	0.5	4.14	4.59	1.00	..	2.4	..	0.5	0.33	3.51	3.81
1.5	1.5	°4.5	0.8	0.5	5.22	5.67	1.00	..	3.5	..	0.5	0.33	4.50	4.80
...	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	2.0	..	0.5	0.33	3.15	3.45
1.0	1.35	°1.8	0.7	0.45	3.00	3.45	1.00	..	1.3	..	0.5	0.30	2.80	3.10
...	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	..	1.3	..	0.5	0.33	2.52	2.82
1.2	1.5	°2.7	0.8	0.5	3.60	4.05	1.00	..	2.0	..	0.5	0.33	3.15	3.45
1.3	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	..	2.0	..	0.5	0.33	3.15	3.45

RATES AND TYPICAL BILLS FOR
in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

Municipality	Flat-Rate Water Heating per 100 Watts or Schedule Number	RESIDENTIAL SERVICE										
		House Heating per Kwh (See Notes)	All-Electric Rate per Kwh (See Notes)	Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
					First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
	¢ No.	¢	¢	No.	¢	¢	¢	¢	\$	\$	\$	\$
Stratford.....	40	□	1.1	60	2.9	...	...	1.2	0.83	3.62	6.32	9.02
Strathroy.....	37	□	..	50	3.8	1.4	0.8	1.1	2.00	4.23	6.03	7.83
Streetsville.....	43	1.2	1.1	50	4.0	1.3	w0.7	1.1	2.00	4.14	5.71	7.29
Sturgeon Falls.....	40	□	..	50	3.2	1.6	...	1.2	2.22	4.32	7.02	9.72
N Sudbury.....	32	1.1	1.0	50	3.0	1.2	w0.7	1.0	1.50	3.90	5.65	7.40
Sunderland.....	40	□	..	50	2.6	1.3	0.7	1.1	1.11	3.51	5.08	6.66
Sundridge.....	43	◇	..	50	2.8	1.4	w0.8	1.1	2.22	3.78	5.58	7.38
Sutton.....	45	◇	..	50	4.0	1.7	w0.7	1.1	2.00	4.86	6.43	8.01
Swansea.....	37	1.2	1.1	50	2.8	1.4	...	1.0	1.67	3.78	6.03	8.28
Tara.....	41	◇	..	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Tavistock.....	*33	1.1	..	50	3.2	1.4	w0.6	1.2	1.67	3.96	5.31	6.66
Tecumseh.....	41	□	1.1	50	3.6	1.8	w0.8	1.1	1.67	4.86	6.66	8.46
Teeswater.....	42	□	..	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Terrace Bay Twp.....	36	1.3	1.11	50	2.6	1.3	...	0.9	1.67	3.51	5.53	7.56
Thamesford.....	45	◇	1.1	50	3.7	1.5	w0.8	1.1	2.00	4.36	6.16	7.96
Thamesville.....	45	□	..	50	2.8	1.4	0.8	1.1	0.83	3.78	5.58	7.38
Thedford.....	45	□	..	50	3.0	1.5	w0.8	1.1	1.67	4.05	5.85	7.65
Thessalon.....	48	□	1.2	50	4.0	2.0	w0.8	1.2	2.22	5.40	7.20	9.00
N Thornbury.....	42	◇	1.0	50	3.0	1.3	w0.8	1.0	1.50	4.10	6.10	8.10
Thorndale.....	42	1.2	..	50	3.2	1.6	1.0	1.4	1.11	4.32	6.57	8.82
†Thornloe.....	42	1.39	..	50	4.0	2.0	w0.8	1.1	1.39	5.40	7.20	9.00
Thornton.....	39	1.1	..	60	3.8	...	...	1.0	1.39	3.76	6.01	8.26
Thorold.....	40	◇	..	50	4.0	2.1	w0.8	1.2	2.22	5.58	7.38	9.18
Tilbury.....	45	1.2	1.1	50	3.0	1.5	0.9	1.2	0.83	4.05	6.07	8.10
Tillsonburg.....	40	□	1.1	50	3.0	1.5	0.8	1.1	1.67	4.05	5.85	7.65
†Timmis.....	42	1.22	..	50	3.4	1.7	w0.8	1.1	1.39	4.59	6.39	8.19
Toronto.....	⊖	□	1.1	60	2.0	...	...	1.4	0.83	3.47	6.62	9.77
nToronto Twp.....	37	◇	..	50	4.0	1.4	w0.7	1.0	2.00	4.80	6.55	8.30
Tottenham.....	43	◇	..	50	2.6	1.3	0.8	1.1	1.39	3.51	5.31	7.11
Trenton.....	34	1.1	1.1	50	2.4	1.2	0.7	1.0	1.11	3.24	4.81	6.39
Tweed.....	37	1.1	..	50	2.4	1.2	w0.7	1.0	1.50	3.24	4.81	6.39
Uxbridge.....	39	1.1	..	50	2.6	1.3	0.7	1.0	1.11	3.51	5.08	6.66
N Vankleek Hill.....	37	◇	1.0	50	2.2	1.1	w0.6	1.0	1.50	3.30	4.80	6.30
N Victoria Harbour.....	43	◇	..	50	3.3	1.0	w0.7	1.0	1.65	3.65	5.40	7.15
Walkerton.....	38	□	..	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Wallaceburg.....	41	N1.0	..	50	2.4	1.2	0.7	1.0	1.11	3.24	4.81	6.39
Wardsville.....	45	1.1	..	60	3.6	...	...	0.9	1.11	3.48	5.51	7.53
Warkworth.....	41	..	1.1	50	3.4	1.7	w0.8	1.1	1.70	4.59	6.39	8.19
Wasaga Beach.....	42	□	..	50	3.6	1.8	...	1.1	1.67	4.86	7.33	9.81
Waterdown.....	40	□	1.1	50	4.0	1.3	w0.8	1.1	2.00	4.14	5.94	7.74

†Retail service provided by The Hydro-Electric Power Commission of Ontario.
*Applicable to flat-rate water heaters of 750 watts and above; for flat rate water heaters of 700 watts or below, apply Schedule 39.
For explanatory notes and water-heating schedules see pages 222 and 223.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1965

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per Kwh	Space Heating per Kwh (Alternative to Regular Rate)	Demand Rate per 100 Watts 5.0 Cents, Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kwh for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per Kwh for Use of Each Kw of Demand												
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours		First Block Hours' Use 50 100		Second Block Hours' Use 50 100		All Addi- tional Hours	200 Hours	400 Hours
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$
...	1.5	2.4	...	0.7	3.24	3.87	1.20	1.7	..	1.2	..	0.30	2.65	2.92
1.1	1.5	2.7	0.8	0.5	3.60	4.05	1.00	..	2.0	..	0.5	0.33	3.15	3.45
1.2	1.5	2.6	0.8	0.5	3.51	3.96	1.00	..	1.7	..	0.5	0.33	2.88	3.18
1.2	1.5	2.6	0.8	0.5	3.51	3.96	1.00	..	2.0	..	0.5	0.33	3.15	3.45
1.1	1.35	2.2	0.7	0.45	3.40	3.85	1.00	..	1.5	..	0.5	0.30	3.00	3.30
...	1.5	2.3	0.8	0.5	3.24	3.69	1.00	..	1.8	..	0.5	0.33	2.97	3.27
1.4	1.5	2.4	0.8	0.5	3.33	3.78	1.00	..	1.9	..	0.5	0.33	3.06	3.36
1.1	1.5	2.6	0.8	0.5	3.51	3.96	1.00	..	2.2	..	0.5	0.33	3.33	3.63
...	1.5	2.4	0.8	0.5	3.33	3.78	1.00	..	1.8	..	0.5	0.33	2.97	3.27
...	1.5	2.4	0.8	0.5	3.33	3.78	1.00	..	1.9	..	0.5	0.33	3.06	3.36
1.5	1.5	2.3	0.8	0.5	3.24	3.69	1.00	..	1.8	..	0.5	0.33	2.97	3.27
...	1.5	2.9	0.8	0.5	3.78	4.23	1.00	..	2.1	..	0.5	0.33	3.24	3.54
...	1.5	2.3	0.8	0.5	3.24	3.69	1.00	..	1.8	..	0.5	0.33	2.97	3.27
...	...	2.2	0.8	0.5	3.15	3.60	1.00	..	1.7	..	0.5	0.33	2.88	3.18
1.4	1.5	2.8	0.8	0.5	3.69	4.14	1.00	..	2.3	..	0.5	0.33	3.42	3.72
...	1.5	2.3	0.8	0.5	3.24	3.69	1.00	..	1.7	..	0.5	0.33	2.88	3.18
1.1	1.5	3.0	0.8	0.5	3.87	4.32	1.00	..	2.3	..	0.5	0.33	3.42	3.72
1.2	1.5	3.8	0.8	0.5	4.59	5.04	1.00	..	3.2	..	0.5	0.33	4.23	4.53
...	1.35	2.2	0.7	0.45	3.40	3.85	1.00	..	1.4	..	0.5	0.30	2.90	3.20
...	...	2.7	0.8	0.5	3.60	4.05	1.00	..	1.9	..	0.5	0.33	3.06	3.36
1.1	1.5	3.6	0.8	0.5	4.41	4.86	1.00	..	2.4	..	0.5	0.33	3.51	3.81
...	...	3.3	...	1.0	4.32	5.22	1.35	2.8	..	1.8	..	0.33	3.58	3.88
1.3	1.5	3.3	0.8	0.5	4.14	4.59	1.00	..	1.8	..	0.5	0.33	2.97	3.27
...	...	2.6	0.8	0.5	3.51	3.96	1.00	..	1.9	..	0.5	0.33	3.06	3.36
...	1.5	2.5	0.8	0.5	3.42	3.87	1.00	..	1.8	..	0.5	0.33	2.97	3.27
1.1	1.5	3.3	0.8	0.5	4.14	4.59	1.00	..	2.4	..	0.5	0.33	3.51	3.81
1.2	1.5	2.1	...	0.7	3.28	3.91	1.10	2.1	..	1.4	..	0.38	2.91	3.25
1.4	1.5	2.6	0.8	0.5	3.51	3.96	1.00	..	2.0	..	0.5	0.33	3.15	3.45
1.5	1.5	2.6	0.8	0.5	3.51	3.96	1.00	..	2.1	..	0.5	0.33	3.24	3.54
1.0	1.5	1.9	0.8	0.5	2.88	3.33	1.00	..	1.3	..	0.5	0.33	2.52	2.82
1.0	1.5	1.9	0.8	0.5	2.88	3.33	1.00	..	1.3	..	0.5	0.33	2.52	2.82
1.0	1.5	2.4	0.8	0.5	3.33	3.78	1.00	..	1.9	..	0.5	0.33	3.06	3.36
1.2	1.35	1.5	0.7	0.45	2.70	3.15	1.00	..	1.0	..	0.5	0.30	2.50	2.80
...	1.35	2.8	0.7	0.45	4.00	4.45	1.00	..	2.0	..	0.5	0.30	3.50	3.80
...	1.5	2.3	0.8	0.5	3.24	3.69	1.00	..	1.4	..	0.5	0.33	2.61	2.91
1.1	1.5	1.9	0.8	0.5	2.88	3.33	1.00	..	1.3	..	0.5	0.33	2.52	2.82
...	...	3.2	...	0.8	4.05	4.77	1.35	2.8	..	1.8	..	0.33	3.58	3.88
1.1	...	2.4	0.8	0.5	3.33	3.78	1.00	..	2.1	..	0.5	0.33	3.24	3.54
...	...	3.0	0.8	0.5	3.87	4.32	1.00	..	2.5	..	0.5	0.33	3.60	3.90
1.1	1.5	2.5	0.8	0.5	3.42	3.87	1.00	..	2.0	..	0.5	0.33	3.15	3.45

RATES AND TYPICAL BILLS FOR
in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

Municipality	Flat-Rate Water Heating per 100 Watts or Schedule Number	RESIDENTIAL SERVICE										
		House Heating per Kwh (See Notes)	All-Electric Rate per Kwh (See Notes)	Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
					First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
	¢ No.	¢	¢	No.	¢	¢	¢	¢	\$	\$	\$	\$
Waterford.....	45	◆	1.1	50	3.4	1.6	w0.8	1.1	2.22	4.41	6.21	8.01
Waterloo.....	35	□	1.1	60	2.6	...	...	1.1	2.78	3.28	5.76	8.23
Watford.....	45	□	..	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
N Waubashene.....	42	◆	..	50	3.3	1.0	w0.7	1.0	1.65	3.65	5.40	7.15
Webbwood.....	43	..	1.2	50	5.2	2.6	w0.8	1.2	2.50	7.02	8.82	10.62
Welland.....	41	1.1	1.1	50	3.2	1.6	w0.8	0.9	1.67	4.32	6.12	7.92
Wellesley.....	42	□	1.1	50	4.0	1.4	w0.8	1.1	2.00	4.32	6.12	7.92
Wellington.....	46	..	1.1	50	3.0	1.5	w0.9	1.1	1.50	4.05	6.07	8.10
West Ferris Twp.....	37	□	1.1	50	3.6	1.8	...	1.2	2.22	4.86	7.56	10.26
West Lorne.....	43	..	1.1	50	3.0	1.5	w0.8	1.1	1.11	4.05	5.85	7.65
Weston.....	37	◆	1.1	50	3.0	1.5	0.8	1.2	1.67	4.05	5.85	7.65
Westport.....	38	1.2	1.1	50	2.7	1.3	w0.7	1.0	1.50	3.55	5.13	6.70
Wheatley.....	45	..	1.2	60	3.3	...	...	1.2	1.11	3.83	6.53	9.23
Whitby.....	36	1.2	1.1	50	3.0	1.5	0.8	1.2	1.11	4.05	5.85	7.65
†White River.....	60	◆	..	50	7.5	3.6	w1.0	1.33	3.75	9.85	12.10	14.35
Wiarton.....	43	1.1	..	50	2.8	1.4	...	1.0	1.11	3.78	6.03	8.28
N Widdifield Twp.....	42	◆	1.0	50	4.0	1.7	w0.7	1.0	2.00	5.40	7.15	8.90
Williamsburg.....	45	□	..	50	2.6	1.3	w0.8	1.1	1.30	3.51	5.31	7.11
Winchester.....	41	◆	..	50	2.6	1.3	w0.8	1.1	1.39	3.51	5.31	7.11
Windermere.....	45	..	□	50	3.2	1.6	1.0	1.4	1.67	4.32	6.57	8.82
Windsor.....	36	◆	..	50	2.4	1.2	*0.7	1.1	0.83	3.24	4.81	6.39
Wingham.....	43	□	..	50	2.4	1.2	0.7	1.1	1.11	3.24	4.81	6.39
Woodbridge.....	42	1.2	..	50	2.8	1.4	0.8	1.1	0.83	3.78	5.58	7.38
N Woodstock.....	*33	◆	1.0	50	3.5	1.3	w0.7	1.0	1.75	4.35	6.10	7.85
Woodville.....	42	◆	..	50	3.6	1.2	w0.7	1.1	1.67	3.78	5.35	6.93
Wyoming.....	45	◆	..	50	2.6	1.3	0.7	1.1	0.83	3.51	5.08	6.66
York Twp.....	37	1.2	1.1	50	2.6	1.3	0.8	1.1	1.67	3.51	5.31	7.11
Zurich.....	45	□	1.2	60	3.7	...	...	1.2	0.83	4.05	6.75	9.45

†Retail service provided by The Hydro-Electric Power Commission of Ontario.
*Next 1,000 kwh.
**Schedule No. 33 applicable to flat-rate water heaters 1000 watts and above; for flat-rate water heaters below 1000 watts apply Schedule No. 36.
For explanatory notes and water-heating schedules see pages 222 and 223.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1965

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per Kwh	Space Heating per Kwh (Alternative to Regular Rate)	Demand Rate per 100 Watts 5.0 Cents, Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kwh for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per Kwh for Use of Each Kw of Demand						First Block Hours' Use 50 100	Second Block Hours' Use 50 100	All Addi- tional Hours				
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours					200 Hours	300 Hours		
¢	c	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$
1.1	1.5	¢2.9	0.8	0.5	3.78	4.23	1.00	..	2.2	..	0.5	0.33	3.33	3.63
1.3	1.5	2.2	..	1.0	3.33	4.23	1.20	2.1	..	1.4	..	0.30	2.92	3.19
1.1	..	¢2.7	0.8	0.5	3.60	4.05	1.00	..	2.2	..	0.5	0.33	3.33	3.63
..	1.35	¢2.7	0.7	0.45	3.90	4.35	1.00	..	2.2	..	0.5	0.30	3.70	4.00
..	1.5	¢4.5	0.8	0.5	5.22	5.67	1.00	..	2.5	..	0.5	0.33	3.60	3.90
1.0	1.5	¢2.7	0.8	0.5	3.60	4.05	1.00	..	1.7	..	0.5	0.33	2.88	3.18
1.5	1.5	¢2.3	0.8	0.5	3.24	3.69	1.00	..	1.8	..	0.5	0.33	2.97	3.27
1.1	..	¢3.0	0.8	0.5	3.87	4.32	1.00	..	2.7	..	0.5	0.33	3.78	4.08
1.2	1.5	¢3.0	0.8	0.5	3.87	4.32	1.00	..	2.0	..	0.5	0.33	3.15	3.45
..	1.5	¢2.6	0.8	0.5	3.51	3.96	1.00	..	2.1	..	0.5	0.33	3.24	3.54
1.2	1.5	¢2.2	0.8	0.5	3.15	3.60	1.00	..	1.7	..	0.5	0.33	2.88	3.18
..	..	¢2.3	0.8	0.5	3.24	3.69	1.00	..	1.8	..	0.5	0.33	2.97	3.27
..	1.5	2.9	..	1.2	4.14	5.22	1.35	2.5	..	1.6	..	0.33	3.36	3.65
1.2	1.5	¢2.3	0.8	0.5	3.24	3.69	1.00	..	1.5	..	0.5	0.33	2.70	3.00
1.6	1.5	¢5.8	0.8	0.5	6.39	6.84	1.00	..	5.1	..	0.5	0.33	5.94	6.24
..	1.5	¢2.4	0.8	0.5	3.33	3.78	1.00	..	1.9	..	0.5	0.33	3.06	3.36
1.2	1.35	¢2.6	0.7	0.45	3.80	4.25	1.00	..	2.1	..	0.5	0.30	3.60	3.90
..	1.5	¢2.4	0.8	0.5	3.33	3.78	1.00	..	2.4	..	0.5	0.33	3.51	3.81
..	1.5	¢2.0	0.8	0.5	2.97	3.42	1.00	..	1.6	..	0.5	0.33	2.79	3.09
..	1.5	¢2.8	0.8	0.5	3.69	4.14	1.00	..	2.3	..	0.5	0.33	3.42	3.72
1.0	1.5	¢2.2	0.8	0.5	3.15	3.60	1.00	..	1.5	..	0.5	0.33	2.70	3.00
..	1.5	¢2.1	0.8	0.5	3.06	3.51	1.00	..	1.6	..	0.5	0.33	2.79	3.09
1.1	1.5	¢2.3	0.8	0.5	3.24	3.69	1.00	..	1.8	..	0.5	0.33	2.97	3.27
1.1	1.35	¢2.1	0.7	0.45	3.30	3.75	1.00	..	1.3	..	0.5	0.30	2.80	3.10
1.2	1.5	¢2.7	0.8	0.5	3.60	4.05	1.00	..	2.2	..	0.5	0.33	3.33	3.63
..	1.5	¢2.4	0.8	0.5	3.33	3.78	1.00	..	1.9	..	0.5	0.33	3.06	3.36
1.1	1.5	¢2.0	0.8	0.5	2.97	3.42	1.00	..	1.5	..	0.5	0.33	2.70	3.00
..	1.5	3.4	..	0.9	4.32	5.13	1.35	3.1	..	2.0	..	0.33	3.81	4.10

Municipal Electrical
NET MONTHLY BILLS FOR FLAT RATE WATER

Also applicable to utilities using gross rate schedules providing

Element rating	SCHEDULE																
	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
watts	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
400	.90	.94	.97	1.01	1.04	1.08	1.12	1.15	1.19	1.22	1.26	1.30	1.33	1.37	1.40	1.44	1.48
450	1.01	1.05	1.09	1.13	1.17	1.22	1.26	1.30	1.34	1.38	1.42	1.46	1.50	1.54	1.58	1.62	1.66
500	1.13	1.17	1.22	1.26	1.31	1.35	1.40	1.44	1.49	1.53	1.58	1.62	1.67	1.71	1.76	1.80	1.85
550	1.24	1.29	1.34	1.39	1.44	1.49	1.53	1.58	1.63	1.68	1.73	1.78	1.83	1.88	1.93	1.98	2.03
600	1.35	1.40	1.46	1.51	1.57	1.62	1.67	1.73	1.78	1.84	1.89	1.94	2.00	2.05	2.11	2.16	2.21
650	1.43	1.49	1.54	1.60	1.66	1.72	1.77	1.83	1.89	1.94	2.00	2.06	2.12	2.17	2.23	2.29	2.35
700	1.51	1.57	1.63	1.69	1.75	1.81	1.87	1.93	1.99	2.05	2.11	2.17	2.23	2.29	2.35	2.41	2.47
750	1.60	1.66	1.72	1.79	1.85	1.91	1.98	2.04	2.11	2.17	2.23	2.30	2.36	2.42	2.49	2.55	2.62
800	1.67	1.74	1.80	1.87	1.94	2.00	2.07	2.14	2.20	2.27	2.34	2.40	2.47	2.54	2.61	2.67	2.74
850	1.75	1.82	1.89	1.96	2.03	2.10	2.17	2.24	2.31	2.38	2.45	2.52	2.59	2.66	2.73	2.80	2.87
900	1.84	1.91	1.98	2.06	2.13	2.20	2.28	2.35	2.42	2.50	2.57	2.64	2.72	2.79	2.86	2.94	3.01
950	1.92	2.00	2.07	2.15	2.23	2.30	2.38	2.46	2.53	2.61	2.69	2.76	2.84	2.92	3.00	3.07	3.15
1,000	2.00	2.08	2.16	2.24	2.32	2.40	2.48	2.56	2.64	2.72	2.80	2.88	2.96	3.04	3.12	3.20	3.28
[1,000/3,000	2.12	2.21	2.30	2.38	2.47	2.55	2.64	2.72	2.81	2.89	2.98	3.06	3.14	3.23	3.31	3.40	3.48
[1,500/4,500	3.19	3.31	3.44	3.57	3.70	3.83	3.95	4.08	4.20	4.34	4.46	4.59	4.72	4.84	4.97	5.10	5.23

NOTE: Net monthly rates for all balanced element sizes over 1,000 watts are calculated as follows:
Rate for 1,000-watt element X $\frac{\text{Element Rating}}{1,000}$

NOTES

Service Charges

- a 33¢ per month per service when the permanently installed appliance load is under 2,000 watts and 66¢ per month when 2,000 watts or more.
- b Demand rate 8.5¢ per 100 watts, minimum 50¢.

House Heating

- Applicable where electric energy is used to heat an entire dwelling or a portion of a dwelling in excess of 25% of the floor area.
- Energy supplied through residential service meter at standard rates.
 - ◆ Energy metered separately at end residential rate or energy supplied through residential service meter at standard rates.

All-Electric Service

- Applicable to all energy sold to residential customers using all-electric house heating and electric water heating supplied through the residential service meter.
- ◆ First 50 kwh at first residential rate, balance at end rate.
 - ▲ First 50 kwh at 3.4¢ per kwh, balance at end rate.
 - First 50 kwh at \$1.50, balance at end rate.
 - First 1,750 kwh at regular residential rate, balance at 1.1¢ per kwh.

Service

HEATING AT SCHEDULE NUMBER INDICATED

payment is made on or before last date for net payment

NUMBER																		
42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1.51	1.55	1.58	1.62	1.66	1.69	1.73	1.76	1.80	1.84	1.87	1.91	1.94	1.98	2.02	2.05	2.09	2.12	2.16
1.70	1.74	1.78	1.82	1.86	1.90	1.94	1.98	2.03	2.06	2.11	2.14	2.18	2.22	2.27	2.30	2.34	2.39	2.45
1.89	1.94	1.98	2.03	2.07	2.12	2.16	2.21	2.25	2.30	2.34	2.39	2.43	2.48	2.52	2.57	2.61	2.66	2.70
2.08	2.13	2.18	2.23	2.28	2.33	2.38	2.43	2.48	2.53	2.57	2.63	2.68	2.73	2.77	2.83	2.88	2.93	2.99
2.27	2.32	2.38	2.43	2.48	2.54	2.59	2.65	2.70	2.75	2.81	2.86	2.92	2.97	3.02	3.08	3.13	3.19	3.24
2.40	2.46	2.52	2.57	2.63	2.69	2.75	2.80	2.86	2.93	2.99	3.03	3.08	3.14	3.20	3.26	3.31	3.38	3.44
2.53	2.59	2.65	2.71	2.77	2.83	2.89	2.95	3.01	3.08	3.13	3.20	3.26	3.32	3.38	3.44	3.49	3.56	3.62
2.68	2.74	2.81	2.87	2.93	3.00	3.06	3.13	3.19	3.26	3.31	3.38	3.44	3.51	3.58	3.65	3.71	3.76	3.82
2.81	2.87	2.94	3.01	3.07	3.14	3.21	3.27	3.34	3.41	3.47	3.54	3.60	3.67	3.74	3.82	3.89	3.94	4.00
2.94	3.01	3.08	3.15	3.22	3.29	3.36	3.43	3.51	3.56	3.64	3.71	3.78	3.85	3.92	4.00	4.07	4.13	4.19
3.08	3.16	3.23	3.30	3.38	3.45	3.52	3.60	3.67	3.74	3.82	3.89	3.96	4.04	4.12	4.19	4.27	4.33	4.39
3.23	3.30	3.38	3.46	3.53	3.61	3.69	3.76	3.84	3.92	4.00	4.07	4.14	4.22	4.30	4.38	4.46	4.54	4.61
3.36	3.44	3.52	3.60	3.68	3.76	3.84	3.92	4.00	4.08	4.16	4.24	4.32	4.40	4.48	4.56	4.64	4.73	4.81
3.57	3.65	3.74	3.83	3.91	4.00	4.08	4.17	4.25	4.34	4.42	4.51	4.59	4.67	4.76	4.84	4.93	5.01	5.10
5.36	5.48	5.61	5.73	5.87	5.99	6.12	6.25	6.37	6.50	6.63	6.76	6.89	7.01	7.14	7.26	7.40	7.52	7.65

NOTES

Special Rates or Discounts

- ◇ First 60 kwh of monthly consumption at 2.0¢, second 60 kwh and all kwh in excess of 1,000 at 1.0¢.
- Flat-rate water-heater service—Toronto:
 - System-owned—First 400 watts \$2.90 per month.
 - Each 100 watts additional 40¢ per month, plus a monthly charge for larger tank sizes as follows:
 - 30¢ for 1,000-watt and 1,200-watt heaters.
 - 40¢ for 1,500-watt heaters.
 - 50¢ for 2,000-watt and 2,500-watt heaters.
 - 55¢ for heaters 3,000-watts and over.
 - 1,000/3,000-watt Cascade 40—\$5.82 gross per month.
 - Customer-owned—First 400 watts \$1.98 per month.
 - Each 100 watts additional 40¢ per month.
- w Special rate for metered water-heating customers only.
 - When loads are subject to central control, these rates may be somewhat lower.
- c Special rate of 0.6¢ as alternative for controlled metered water-heating customers.
- N Rates are Net.
- n Residential rates are net.
- ° Commercial customers with a connected load of under 5 kilowatts billed at residential rates.
- \$ Farm customers billed at standard rural rates.
- §§ Farm customers billed at special rates.

CUSTOMERS, REVENUE,
for the Year Ended
In Forty Major Municipal
(Arranged in descending order)

	TOTAL REVENUE (including Street Lighting)	TOTAL CONSUMPTION (including Street Lighting)	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
			Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh
	\$	kwh	\$	kwh		kwh	¢
Toronto.....	43,539,474	3,886,998,030	12,343,282	972,266,700	182,295	444	1.27
Hamilton.....	23,619,306	3,070,421,436	5,167,837	460,924,413	79,696	482	1.12
North York Twp.....	17,397,290	1,469,902,175	8,766,197	751,158,280	106,009	590	1.17
Ottawa.....	13,935,878	1,449,155,012	5,308,542	700,915,241	87,290	669	0.76
Sarnia.....	7,792,703	1,059,659,546	1,045,625	70,205,396	14,853	394	1.49
Etobicoke Twp.....	10,922,696	1,006,323,072	5,115,662	473,032,114	61,326	643	1.08
Scarborough Twp.....	10,850,572	936,216,799	5,347,030	468,334,216	71,566	545	1.14
London.....	9,455,830	796,970,382	4,033,076	302,367,230	55,551	454	1.33
St. Catharines.....	5,796,226	615,156,672	1,795,761	149,920,891	25,506	490	1.20
Toronto Twp.....	5,899,710	573,904,417	2,140,774	179,938,234	22,677	661	1.19
Oshawa.....	4,601,251	555,106,648	1,519,211	177,357,073	21,976	673	0.86
Windsor.....	5,595,464	540,454,340	1,639,436	153,993,848	35,268	364	1.06
Oakville.....	4,530,812	511,405,109	1,426,008	116,615,141	13,465	722	1.22
Kitchener.....	4,771,802	479,745,690	1,722,756	176,081,041	26,328	557	0.98
York Twp.....	4,355,634	411,430,940	2,333,081	226,531,981	39,671	476	1.03
Kingston.....	3,475,660	370,023,275	1,185,132	113,679,271	15,797	600	1.04
Brantford.....	2,796,138	284,619,175	1,083,750	96,826,916	16,673	484	1.12
Peterborough.....	2,847,835	279,507,612	1,383,206	126,507,653	16,024	658	1.09
Sudbury.....	3,109,454	264,940,603	1,729,084	166,980,706	22,686	613	1.04
Port Arthur.....	2,642,090	246,854,583	981,405	92,264,981	12,896	596	1.06
Burlington.....	2,930,852	239,750,801	1,679,810	135,408,407	15,896	710	1.24
Guelph.....	2,780,496	234,377,630	1,081,480	84,672,159	12,436	567	1.28
East York Twp.....	2,499,827	229,303,791	1,458,388	132,023,208	23,589	466	1.10
Fort William.....	2,003,541	228,186,228	815,427	107,054,643	13,144	679	0.76
Niagara Falls.....	2,476,046	214,489,750	1,026,653	89,022,021	15,888	467	1.15
Welland.....	1,984,332	175,121,519	598,886	41,787,169	10,746	324	1.43
New Toronto.....	1,415,582	174,948,826	241,028	22,981,384	3,908	490	1.05
Galt.....	1,681,396	162,099,620	669,835	61,133,968	9,499	536	1.10
Nepean Twp.....	1,985,686	154,045,874	1,291,929	94,514,249	11,473	687	1.37
Brampton.....	1,813,788	146,156,333	861,720	64,199,952	8,070	663	1.34
Belleville.....	1,536,716	145,661,640	732,903	72,677,548	9,996	606	1.01
Waterloo.....	1,601,735	143,618,749	616,695	60,198,450	7,231	694	1.02
Chatham.....	2,040,389	137,825,908	581,151	34,829,687	8,796	330	1.67
Woodstock.....	1,384,802	128,559,314	572,710	51,778,378	7,174	601	1.11
Barrie.....	1,227,387	126,993,860	551,269	56,186,982	7,427	630	0.98
Stratford.....	1,315,690	116,091,439	507,264	45,051,620	6,471	580	1.13
St. Thomas.....	1,242,384	109,873,634	551,437	44,303,453	7,681	481	1.24
Port Credit.....	837,933	108,328,477	177,930	16,864,406	2,566	548	1.06
Brockville.....	1,054,976	103,952,845	453,999	40,351,936	6,062	555	1.13
Trenton.....	850,553	100,141,071	269,759	28,821,838	4,299	559	0.94

AND CONSUMPTION

December 31, 1965

Electrical Utilities

of total consumption)

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE						
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Ave- rage Cost per Kwh▲	
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢	
10,087,029	708,816,334	24,825	2,379	1.42	19,935,156	2,145,850,743	7,362	503,263	24,290	0.93	
3,403,045	288,904,821	9,011	2,672	1.18	14,530,751	2,297,883,379	1,002	393,537	191,108	0.63	
5,626,257	443,611,870	6,761	5,468	1.27	2,635,120	252,547,425	1,016	77,768	20,714	1.04	
7,626,285	679,297,376	11,659	4,855	1.12	510,701	51,707,395	173	16,163	24,907	0.99	
690,560	43,390,740	856	4,224	1.59	5,955,706	942,624,970	143	127,512	549,315	0.63	
2,084,685	159,115,150	2,636	5,030	1.31	3,324,382	359,010,728	1,059	92,338	28,250	0.93	
2,690,165	214,900,652	3,473	5,157	1.25	2,401,821	236,120,251	552	67,319	35,646	1.02	
2,290,767	175,678,484	2,933	4,991	1.30	2,876,462	309,035,228	540	75,680	47,691	0.93	
934,679	66,737,502	2,522	2,205	1.40	2,903,079	390,895,279	288	75,757	113,106	0.74	
937,353	73,102,512	901	6,761	1.28	2,656,914	316,047,675	296	61,919	88,977	0.84	
753,242	69,831,560	1,916	3,037	1.08	2,189,563	301,766,191	316	61,275	79,580	0.73	
1,042,930	83,759,070	2,018	3,459	1.25	2,543,716	290,235,170	772	76,324	31,329	0.88	
580,642	43,354,185	879	4,110	1.34	2,457,674	349,312,613	162	55,412	179,688	0.70	
979,289	81,154,668	1,589	4,256	1.21	1,899,346	215,139,989	368	55,576	48,718	0.88	
1,021,404	84,653,998	1,751	4,029	1.21	812,026	93,854,401	160	23,762	48,883	0.87	
993,108	83,128,507	2,461	2,815	1.19	1,199,384	169,417,413	202	36,357	69,892	0.71	
532,970	46,084,074	1,651	2,326	1.16	1,096,381	138,329,518	327	36,666	35,252	0.79	
541,166	44,305,517	789	4,680	1.22	815,865	104,832,442	295	26,230	29,614	0.78	
965,125	73,874,341	2,323	2,650	1.31	247,067	19,513,572	287	7,522	5,666	1.27	
679,745	58,952,695	1,566	3,137	1.15	855,465	90,718,719	53	29,596	142,639	0.94	
602,748	43,572,467	793	4,579	1.38	610,051	59,214,257	168	17,134	29,372	1.03	
547,689	37,331,780	1,003	3,102	1.47	1,017,431	108,626,691	126	27,100	71,843	0.94	
576,058	51,710,207	1,047	4,116	1.11	363,665	41,098,840	84	11,100	40,773	0.88	
520,482	53,196,575	1,672	2,651	0.98	541,690	63,621,010	190	20,696	27,904	0.85	
868,696	72,807,914	1,042	5,823	1.19	444,283	48,172,135	92	13,740	43,634	0.92	
389,455	28,185,673	612	3,838	1.38	911,301	102,509,344	90	24,594	94,916	0.89	
167,340	13,713,853	244	4,684	1.22	983,657	137,551,509	40	26,942	286,566	0.72	
253,695	18,884,146	600	2,623	1.34	686,778	79,489,506	146	21,817	45,371	0.86	
583,954	49,902,762	630	6,601	1.17	106,877	9,362,419	41	2,747	19,029	1.14	
385,506	28,801,749	479	5,011	1.34	509,465	51,850,032	109	13,126	39,641	0.98	
413,904	32,699,380	876	3,111	1.27	325,483	37,736,612	123	10,047	25,567	0.86	
441,448	31,065,837	780	3,319	1.42	470,075	49,626,132	90	12,968	45,950	0.95	
585,960	30,247,712	1,203	2,095	1.94	758,690	69,212,189	280	18,907	20,599	1.10	
235,084	17,400,416	483	3,002	1.35	529,931	57,098,920	150	15,276	31,722	0.93	
337,553	25,480,718	596	3,563	1.32	325,282	44,291,964	114	12,175	32,377	0.73	
275,421	20,122,189	701	2,392	1.37	456,365	48,443,630	160	14,543	25,231	0.94	
205,583	15,188,117	395	3,204	1.35	450,900	49,358,100	132	12,548	31,160	0.91	
120,974	9,805,672	173	4,723	1.23	521,470	81,052,427	11	11,465	614,034	0.64	
250,892	20,642,536	390	4,411	1.22	312,746	41,650,423	46	10,093	75,453	0.75	
124,289	10,173,383	278	3,049	1.22	427,374	60,203,496	64	12,017	78,390	0.71	

▲See Introduction page 201.

CUSTOMERS, REVENUE,
for the Year Ended
(By Municipalities

	Popula- tion	Total Customers	Peak Load Decem- ber 1965	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Av- erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Acton.....	4,286	1,343	5,533	102,577	9,243,752	1,232	625	1.11
Ailsa Craig.....	529	233	473	11,691	1,045,880	210	415	1.12
Ajax.....	8,958	2,464	9,804	183,330	14,505,787	2,286	529	1.26
Alexandria.....	2,657	975	3,605	67,094	6,078,900	881	575	1.10
Alfred.....	1,038	313	916	25,432	2,121,053	284	622	1.20
Alliston.....	3,228	1,177	3,680	73,833	7,058,949	989	595	1.05
Almonte.....	3,487	1,160	3,399	81,701	7,503,699	1,083	577	1.09
Alvinston.....	661	338	395	12,419	688,193	309	186	1.80
Amherstburg.....	4,533	1,454	4,307	97,995	9,204,816	1,297	591	1.06
Ancaster Twp. (including Ancaster).....	14,572	1,141	3,306	130,154	9,953,900	1,092	760	1.31
Apple Hill.....	400	115	144	5,310	374,670	95	329	1.42
Arkona.....	459	198	182	14,138	1,123,915	186	504	1.26
Arnprior.....	5,432	1,842	5,713	127,020	12,823,933	1,679	637	0.99
Arthur.....	1,278	518	1,179	33,758	3,026,980	465	542	1.12
Athens.....	992	368	732	22,745	2,210,992	348	529	1.03
Atikokan Twp.....	6,310	1,731	4,359	171,495	14,539,966	1,585	764	1.18
Aurora.....	10,046	2,879	8,267	200,985	18,500,018	2,638	584	1.09
Avonmore.....	229	113	236	8,184	511,085	101	422	1.60
Aylmer.....	4,610	1,561	5,932	102,746	10,186,780	1,408	603	1.01
Ayr.....	1,092	408	1,018	24,079	2,212,854	334	552	1.09
Baden.....	943	295	1,100	21,711	2,024,670	277	609	1.07
†Bala.....	*461	854	1,051	48,133	1,848,200	771	200	2.60
Bancroft.....	2,103	769	1,694	53,404	4,203,077	685	511	1.27
Barrie.....	24,010	8,137	25,547	551,269	56,186,982	7,427	630	0.98
Barry's Bay.....	1,420	446	708	19,585	1,686,534	415	339	1.16
Bath.....	750	262	516	20,429	1,526,060	239	532	1.34
Beachburg.....	551	229	417	14,819	1,036,822	213	406	1.43
Beachville.....	944	314	2,767	20,284	1,891,405	302	522	1.07
Beamsville.....	3,685	1,249	2,362	85,596	6,402,749	1,153	463	1.34
†Beardmore.....	900	334	552	25,744	1,674,600	255	547	1.54
Beaverton.....	1,157	628	1,923	38,699	3,766,664	575	546	1.03
Beeton.....	951	334	705	20,834	1,964,065	314	521	1.06
Belle River.....	2,100	773	1,132	41,956	2,546,771	717	296	1.65
Belleville.....	32,857	10,995	30,166	732,903	72,677,548	9,996	606	1.01
Belmont.....	695	234	1,083	20,445	1,405,420	217	540	1.45
Blenheim.....	3,326	1,250	2,396	55,033	4,001,399	1,102	303	1.38
†Blind River.....	3,652	1,165	2,746	99,409	6,909,500	979	588	1.44
Bloomfield.....	722	306	545	16,881	1,527,649	284	448	1.11
Blyth.....	752	341	864	20,502	1,848,040	299	515	1.11
Bobcaygeon.....	1,251	753	1,187	48,378	3,393,960	672	421	1.43

†Retail service provided by The Hydro-Electric Power Commission of Ontario.
*Excluding summer population.
‡Estimated.

AND CONSUMPTION

December 31, 1965

Alphabetically Arranged)

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Ave- rage Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
31,668	2,068,165	71	2,427	1.53	158,849	14,021,118	40	4,032	29,211	1.13
4,178	268,680	17	1,317	1.56	8,476	539,630	6	295	7,495	1.57
47,827	3,422,287	98	2,910	1.40	230,818	24,664,019	80	7,092	25,692	0.94
30,188	2,116,979	76	2,321	1.43	64,562	5,866,532	18	1,593	27,160	1.10
7,559	468,337	19	2,054	1.61	9,664	695,995	10	303	5,800	1.39
64,686	4,219,747	159	2,212	1.53	59,296	6,268,523	29	1,702	18,013	0.95
24,001	1,943,055	57	2,841	1.24	42,856	5,312,360	20	1,368	22,135	0.81
5,726	295,470	22	1,119	1.94	1,637	66,065	7	53	786	2.48
41,303	2,979,142	123	2,018	1.39	94,957	9,715,695	34	2,623	23,813	0.98
33,110	1,857,222	44	3,517	1.78	3,059	229,556	5	79	3,826	1.33
1,860	96,990	20	404	1.92						
4,002	234,444	10	1,954	1.71	1,276	10,520	2	97	438	
66,070	5,126,275	140	3,051	1.29	62,240	6,362,796	23	1,802	23,054	0.98
10,704	645,193	38	1,415	1.66	6,475	305,280	15	264	1,696	2.12
5,220	367,747	19	1,613	1.42	304	19,200	1	12	1,600	1.58
72,564	4,621,992	136	2,832	1.57	8,234	637,398	10	240	5,312	1.29
82,301	6,340,433	199	2,655	1.30	130,420	12,041,909	42	3,901	23,893	1.08
3,033	174,690	11	1,323	1.74	1,081	42,300	1	38	3,525	2.56
65,859	4,997,136	117	3,559	1.32	94,855	7,804,562	36	2,994	18,066	1.22
12,993	807,324	63	1,068	1.61	14,501	780,878	11	448	5,916	1.86
3,101	218,145	13	1,398	1.42	21,892	1,985,665	5	650	33,094	1.10
15,264	695,100	77	752	2.20	1,406	86,300	6	50	1,199	1.63
33,849	2,069,766	72	2,396	1.64	10,012	624,630	12	311	4,338	1.60
337,553	25,480,718	596	3,563	1.32	325,282	44,291,964	114	12,175	32,377	0.73
8,289	623,480	28	1,856	1.33	951	81,470	3	32	2,263	1.17
5,668	268,309	22	1,016	2.11	762	97,220	1	11	8,102	0.78
2,322	149,097	12	1,035	1.56	6,697	338,680	4	215	7,056	1.98
2,155	126,146	10	1,051	1.71	93,705	14,227,344	2	2,239	592,806	0.66
38,174	2,377,099	86	2,303	1.61	8,996	549,675	10	252	4,581	1.64
16,767	894,700	77	968	1.87	301	11,600	2	15	483	2.59
13,081	994,865	39	2,126	1.31	35,929	3,517,421	14	1,346	20,937	1.02
3,307	189,566	13	1,215	1.74	5,603	388,320	7	148	4,623	1.44
21,324	1,246,345	50	2,077	1.71	5,187	364,601	6	140	5,064	1.42
413,904	32,699,380	876	3,111	1.27	325,483	37,736,612	123	10,047	25,567	0.86
4,371	255,612	11	1,936	1.71	45,701	3,480,704	6	1,007	48,343	1.31
38,910	2,403,222	112	1,788	1.62	34,236	2,319,766	36	974	5,370	1.48
62,142	3,691,100	180	1,709	1.68	25,574	1,762,100	6	555	24,474	1.45
4,612	324,917	16	1,692	1.42	3,249	150,147	6	142	2,085	2.16
8,205	528,160	34	1,295	1.55	15,727	1,414,860	8	394	14,738	1.11
17,148	859,075	71	1,008	2.00	10,265	597,185	10	268	4,977	1.72

▲See Introduction page 201.

CUSTOMERS, REVENUE,
for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1965	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Av- erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Bolton.....	2,084	701	1,944	69,131	5,223,784	647	673	1.32
Bothwell.....	837	343	669	14,706	1,185,450	297	333	1.24
Bowmanville.....	8,100	2,733	10,916	204,023	19,567,887	2,563	636	1.04
Bracebridge.....	3,036	1,224	3,300	82,646	7,002,770	985	592	1.18
Bradford.....	2,345	880	2,673	58,658	5,411,544	753	599	1.08
Braeside.....	523	160	1,875	9,905	822,035	155	442	1.20
Brampton.....	33,713	8,658	33,548	861,720	64,199,952	8,070	663	1.34
Brantford.....	57,338	18,651	64,004	1,083,750	96,826,916	16,673	484	1.12
Brantford Twp.....	8,684	2,593	8,926	321,503	22,295,157	2,426	766	1.44
Brechin.....	273	100	188	4,562	474,070	86	459	0.96
Bridgeport.....	1,993	561	1,512	53,924	4,137,743	522	661	1.30
Brigden.....	516	216	320	7,205	572,500	186	256	1.26
Brighton.....	2,705	1,086	2,315	70,127	6,388,811	1,012	526	1.10
Brockville.....	19,053	6,498	22,712	453,999	40,351,936	6,062	555	1.13
Brussels.....	859	378	823	27,323	2,180,250	335	542	1.25
Burford.....	1,029	442	957	33,098	2,888,801	401	600	1.15
Burgessville.....	262	100	265	6,864	620,340	86	601	1.11
Burk's Falls.....	1,070	379	892	24,582	2,049,020	347	492	1.20
Burlington.....	58,385	16,857	55,535	1,679,810	135,408,407	15,896	710	1.24
Cache Bay.....	700	180	265	8,007	580,001	174	278	1.38
Caledonia.....	2,644	913	1,662	47,235	3,683,716	837	367	1.28
Campbellford.....	3,496	1,380	3,326	68,545	8,707,225	1,224	593	0.79
Campbellville.....	252	90	225	7,624	605,015	83	607	1.26
Cannington.....	1,060	454	943	27,984	2,696,710	414	543	1.04
Capreol.....	3,048	1,009	2,526	93,201	7,680,968	955	670	1.21
Cardinal.....	1,962	674	1,150	38,816	3,479,807	629	461	1.12
Carleton Place.....	4,925	1,789	3,621	121,310	9,807,168	1,669	490	1.24
Casselman.....	1,291	401	997	27,918	2,198,186	369	496	1.27
Cayuga.....	1,008	405	695	22,474	1,666,268	352	395	1.35
Chalk River.....	1,093	287	670	21,824	1,827,295	271	562	1.19
Chapleau Twp.....	3,772	1,068	1,553	110,934	2,707,860	1,005	\$238	4.10
Chatham.....	30,875	10,279	31,465	581,151	34,829,687	8,796	330	1.67
Chatsworth.....	381	186	375	10,843	957,680	168	475	1.13
Chesley.....	1,709	738	1,549	39,716	3,710,250	602	514	1.07
Chesterville.....	1,310	466	1,717	31,010	2,927,172	427	571	1.06
Chippawa.....	3,749	1,154	1,967	74,120	5,374,287	1,104	406	1.38
Clifford.....	537	233	481	15,538	1,314,826	212	517	1.18
Clinton.....	3,185	1,260	3,021	85,954	7,323,703	1,130	540	1.17
†Cobalt.....	2,234	751	1,330	59,963	3,998,900	630	529	1.50
Cobden.....	900	404	885	20,476	2,254,615	372	505	0.91

†Retail service provided by The Hydro-Electric Power Commission of Ontario.
§Estimated.

AND CONSUMPTION

December 31, 1965

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Ave- rage Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
20,169	1,343,687	40	2,799	1.50	9,464	543,136	14	301	3,233	1.74
10,412	804,330	34	1,971	1.29	5,307	185,645	12	253	1,289	2.86
76,689	6,892,395	147	3,907	1.11	154,180	20,886,680	23	4,822	75,676	0.74
58,012	4,248,241	213	1,662	1.37	22,590	2,077,102	26	816	6,657	1.09
33,590	2,114,759	98	1,798	1.59	31,064	2,784,873	29	927	8,003	1.12
951	56,900	3	1,581	1.67	59,920	6,637,276	2	1,643	276,553	0.90
385,506	28,801,749	479	5,011	1.34	509,465	51,850,032	109	13,126	39,641	0.98
532,970	46,084,074	1,651	2,326	1.16	1,096,381	138,329,518	327	36,666	35,252	0.79
81,944	5,910,869	101	4,877	1.39	150,251	10,179,613	66	4,403	12,853	1.48
2,495	206,825	13	1,326	1.21	439	14,496	1	26	1,208	3.03
18,996	1,313,619	31	3,531	1.45	5,652	269,400	8	183	2,806	2.10
4,749	342,330	22	1,297	1.39	4,065	161,530	8	177	1,683	2.52
27,968	1,908,971	65	2,447	1.47	10,846	832,855	9	343	7,712	1.30
250,892	20,642,536	390	4,411	1.22	312,746	41,650,423	46	10,093	75,453	0.75
9,003	528,040	33	1,333	1.70	7,097	402,720	10	198	3,356	1.76
10,906	709,966	31	1,909	1.54	6,015	395,705	10	193	3,298	1.52
3,773	188,040	12	1,306	2.01	1,680	33,948	2	61	1,415	4.95
11,560	803,210	28	2,391	1.44	11,092	917,775	4	287	19,120	1.21
602,748	43,572,467	793	4,579	1.38	610,051	59,214,257	168	17,134	29,372	1.03
1,620	102,448	4	2,134	1.58	3,987	249,190	2	156	10,383	1.60
24,070	1,587,210	55	2,405	1.52	12,306	881,298	21	312	3,497	1.40
35,231	3,433,888	133	2,152	1.03	20,123	2,195,986	23	891	7,956	0.92
1,588	103,523	7	1,232	1.53	.....	.....	.....	.....	.....	.....
7,463	517,260	27	1,596	1.44	5,292	362,610	13	180	2,324	1.46
20,957	1,358,911	50	2,265	1.54	14,170	1,689,220	4	316	35,192	0.84
9,647	660,911	41	1,343	1.46	1,413	135,880	4	38	2,831	1.04
45,333	2,834,777	103	2,294	1.60	42,210	4,342,557	17	1,121	21,287	0.97
11,507	681,371	26	2,184	1.69	13,175	773,220	6	432	10,739	1.70
12,799	784,218	42	1,556	1.63	6,911	210,405	11	268	1,594	3.28
7,188	513,758	14	3,058	1.40	2,907	305,100	2	82	12,713	0.95
56,023	1,134,649	43	§949	4.94	17,415	548,672	20	227	2,286	3.17
585,960	30,247,712	1,203	2,095	1.94	758,690	69,212,189	280	18,907	20,599	1.10
4,437	281,450	17	1,380	1.58	456	11,550	1	23	963	3.95
19,914	1,177,155	108	908	1.69	14,035	941,517	28	468	2,802	1.49
9,198	683,166	30	1,898	1.35	40,137	4,120,266	9	1,071	38,151	0.97
19,252	1,256,770	37	2,831	1.53	6,403	601,830	13	191	3,858	1.06
3,837	274,988	15	1,528	1.40	4,616	356,580	6	116	4,953	1.29
50,772	3,380,000	104	2,708	1.50	24,783	1,847,722	26	691	5,922	1.34
23,344	1,220,100	115	884	1.91	10,020	819,000	6	219	11,375	1.22
9,022	647,168	27	1,997	1.39	5,201	201,700	5	299	3,362	2.58

▲See Introduction page 201.

CUSTOMERS, REVENUE,
for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1965	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Av- erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Cobourg.....	10,166	3,865	13,392	236,729	23,880,416	3,487	571	0.99
Cochrane.....	4,566	1,416	4,011	106,762	8,177,655	1,190	573	1.31
Colborne.....	1,412	606	1,371	38,225	3,352,679	498	561	1.14
Coldwater.....	780	308	744	19,360	1,931,350	288	559	1.00
Collingwood.....	8,424	3,254	8,332	173,115	17,378,095	2,982	486	1.00
Comber.....	605	236	406	11,413	837,760	207	337	1.36
Coniston.....	2,608	689	1,548	58,363	5,020,956	670	624	1.16
Cookstown.....	689	261	577	16,473	1,646,287	244	562	1.00
Cottam.....	680	257	356	12,612	1,022,890	232	367	1.23
Courtright.....	573	220	286	12,083	630,330	203	259	1.92
Creemore.....	878	357	802	20,846	1,966,010	328	\$517	1.06
Dashwood.....	423	189	430	15,000	1,021,720	177	481	1.47
Deep River.....	5,620	1,545	5,354	145,160	14,318,652	1,400	852	1.01
Delaware.....	429	151	313	13,052	987,033	142	579	1.32
Delhi.....	3,574	1,482	3,660	70,451	6,302,524	1,315	399	1.12
Deseronto.....	1,913	617	1,234	36,975	3,383,721	579	487	1.09
Dorchester.....	996	367	674	20,862	1,749,679	346	421	1.19
Drayton.....	648	275	582	20,547	1,451,535	248	488	1.42
Dresden.....	2,347	956	1,952	44,470	3,178,531	865	306	1.40
Drumbo.....	423	171	285	10,925	967,399	165	489	1.13
Dryden.....	6,448	2,045	4,938	184,238	14,736,052	1,907	644	1.25
Dublin.....	307	118	406	6,889	624,340	102	510	1.10
Dundalk.....	895	476	1,008	25,185	2,161,670	425	424	1.17
Dundas.....	14,908	4,622	13,255	374,358	28,653,256	4,277	558	1.31
Dunnville.....	5,686	1,991	4,900	82,284	6,111,163	1,748	291	1.35
Durham.....	2,419	931	2,384	57,599	4,930,044	842	\$512	1.17
Dutton.....	831	365	589	14,569	1,106,440	331	279	1.32
East York Twp.....	71,890	24,720	47,022	1,458,388	132,023,208	23,589	466	1.10
Eganville.....	1,434	510	1,077	28,303	2,254,021	449	418	1.26
†Elk Lake Townsite.....	\$650	229	468	13,867	1,007,300	170	494	1.38
Elmira.....	3,887	1,358	5,723	97,158	8,617,756	1,225	586	1.13
Elmvale.....	984	425	1,022	25,211	2,338,803	383	509	1.08
Elmwood.....	\$450	142	209	6,617	590,200	132	373	1.12
Elora.....	1,549	566	1,090	46,722	3,110,151	526	493	1.50
Embro.....	600	250	552	18,020	1,545,380	201	641	1.17
†Embrun.....	1,115	329	1,046	2,153	172,592	306	\$500	1.25
†Englehart.....	1,734	640	1,178	46,234	2,895,300	534	452	1.60
Erieau.....	492	369	525	16,418	1,362,359	337	337	1.21
Erie Beach.....	*193	144	86	6,467	233,720	137	142	2.77
Erin.....	1,164	455	915	30,659	2,633,125	415	529	1.16

†Two months' operation but billing incomplete for period.
†Retail service provided by The Hydro-Electric Power Commission of Ontario.
*Excluding summer population.
‡Estimated.

AND CONSUMPTION

December 31, 1965

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Ave- rage Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
84,988	6,876,260	299	1,916	1.24	267,880	35,228,756	79	8,456	37,161	0.76
66,937	3,507,654	204	1,433	1.91	38,626	3,576,641	22	953	13,548	1.08
21,282	1,089,106	94	966	1.95	12,355	731,617	14	321	4,355	1.69
5,181	357,920	16	1,864	1.45	5,843	331,488	4	232	6,906	1.76
93,384	7,583,043	207	3,053	1.23	108,959	11,736,360	65	3,650	15,047	0.93
6,457	375,640	21	1,491	1.72	6,415	271,740	8	229	2,831	2.36
8,663	521,960	16	2,719	1.66	2,674	182,910	3	71	5,081	1.46
2,661	159,590	12	1,108	1.67	2,697	138,960	5	112	2,316	1.94
3,863	217,848	18	1,009	1.77	4,227	88,810	7	229	1,057	4.76
4,746	242,490	15	1,347	1.96	757	78,230	2	15	3,260	0.97
6,789	450,240	23	\$1,110	1.51	3,054	175,010	6	143	2,431	1.75
2,314	119,390	8	1,244	1.94	7,530	335,490	4	213	6,989	2.24
72,950	5,499,802	139	3,297	1.33	10,110	932,400	6	304	12,950	1.08
3,754	190,545	9	1,764	1.97						
60,708	4,222,972	129	2,728	1.44	39,930	2,341,557	38	1,398	5,135	1.71
7,726	545,904	23	1,978	1.42	20,613	1,480,658	15	681	8,226	1.39
3,312	162,657	18	753	2.04	6,430	357,520	3	207	9,931	1.80
5,363	290,840	23	1,054	1.84	4,196	162,470	4	132	3,385	2.58
25,233	1,529,257	68	1,874	1.65	54,557	4,148,104	23	1,484	15,029	1.32
1,169	49,630	4	1,034	2.36	1,176	35,120	2	51	1,463	3.35
104,493	6,881,752	133	4,312	1.52	7,045	491,700	5	171	8,195	1.43
4,983	381,120	14	2,269	1.31	9,939	600,000	2	232	25,000	1.66
12,179	713,051	37	1,606	1.71	8,914	518,775	14	306	3,088	1.72
159,147	11,075,397	244	3,783	1.44	143,865	12,055,659	101	4,453	9,947	1.19
66,599	4,439,742	204	1,814	1.50	101,231	9,751,590	39	2,787	20,837	1.04
27,880	1,750,374	66	\$1,557	1.59	34,176	2,340,710	23	1,040	8,481	1.46
5,537	375,853	21	1,491	1.47	8,154	596,349	13	272	3,823	1.37
576,058	51,710,207	1,047	4,116	1.11	363,665	41,098,840	84	11,100	40,773	0.88
21,557	1,170,562	54	1,806	1.84	9,938	715,778	7	261	8,521	1.39
8,153	510,900	56	760	1.60	5,609	230,500	3	234	6,403	2.43
45,658	2,940,449	96	2,552	1.55	140,921	13,962,509	37	3,699	31,447	1.01
14,255	1,091,890	30	3,033	1.31	3,420	237,039	12	115	1,646	1.44
1,298	80,296	9	743	1.62	2,325	90,000	1	83	7,500	2.58
10,970	627,703	32	1,635	1.75	11,392	723,672	8	312	7,538	1.57
5,593	369,190	45	684	1.51	4,126	200,120	4	98	4,169	2.06
1,013	76,050	18	\$4,000	1.33	714	37,030	5	280	\$7,000	1.93
26,187	1,446,400	102	1,182	1.81	7,137	709,300	4	170	14,777	1.01
8,320	590,644	27	1,823	1.41	7,629	339,925	5	217	5,665	2.24
738	26,070	7	310	2.83						
10,340	686,650	33	1,734	1.51	4,030	220,875	7	174	2,629	1.82

▲See Introduction page 201.

CUSTOMERS, REVENUE,
for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1965	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh
			kw	\$	kwh		kwh	¢
Espanola.....	5,461	1,440	3,595	131,360	11,152,652	1,353	687	1.18
Essex.....	3,610	1,233	2,456	67,279	5,341,670	1,101	404	1.26
Etobicoke Twp.....	206,872	65,021	215,313	5,115,662	473,032,114	61,326	643	1.08
Exeter.....	3,139	1,297	2,891	111,291	8,515,583	1,149	618	1.31
Fergus.....	4,336	1,503	4,584	112,379	9,439,579	1,382	569	1.19
Finch.....	366	168	339	9,909	802,998	154	435	1.23
Flesherton.....	505	248	647	11,793	1,316,700	220	499	0.90
Fonthill.....	2,770	914	1,695	65,229	5,255,781	824	532	1.24
Forest.....	2,247	873	1,841	55,033	5,389,271	792	567	1.02
Forest Hill.....	22,941	9,060	19,919	684,480	66,055,780	8,617	639	1.04
Fort William.....	47,349	15,006	42,072	815,427	107,054,643	13,144	679	0.76
Frankford.....	1,635	667	1,288	41,930	3,991,610	622	535	1.05
Galt.....	31,637	10,245	34,314	669,835	61,133,968	9,499	536	1.10
Georgetown.....	11,458	3,470	11,124	262,070	21,905,504	3,262	560	1.20
†Geraldton.....	3,589	1,163	1,954	78,493	4,687,700	964	405	1.67
Glencoe.....	1,183	562	925	18,701	1,633,757	491	277	1.14
†Gloucester Twp.....	20,777	4,663	17,610	193,622	14,078,335	4,402	§533	1.38
Goderich.....	6,556	2,565	7,914	161,066	13,949,634	2,351	494	1.15
†Gogama.....	§530	170	332	16,349	615,100	146	351	2.66
Grand Bend.....	*674	848	747	47,701	2,318,100	742	260	2.06
Grand Valley.....	751	345	732	19,901	1,651,040	309	§468	1.21
Granton.....	280	127	188	8,641	558,510	108	431	1.55
Gravenhurst.....	3,304	1,417	3,099	79,975	7,741,487	1,291	500	1.03
Grimsby.....	6,072	2,135	5,080	127,625	9,599,583	1,926	415	1.33
Guelph.....	48,035	13,565	47,221	1,081,480	84,672,159	12,436	567	1.28
Hagersville.....	2,144	793	2,065	37,194	3,059,456	614	415	1.22
†Haileybury.....	3,000	975	2,107	79,884	5,453,300	807	563	1.46
Hamilton.....	280,591	89,709	497,394	5,167,837	460,924,413	79,696	482	1.12
Hanover.....	4,810	1,783	6,000	106,326	10,380,599	1,516	571	1.02
Harriston.....	1,674	697	1,820	43,633	3,701,079	623	495	1.18
Harrow.....	1,849	732	1,964	49,226	4,452,070	619	599	1.11
Hastings.....	842	420	760	24,670	1,927,788	392	410	1.28
Havelock.....	1,283	457	794	27,708	2,483,146	423	489	1.12
Hawkesbury.....	9,171	2,432	6,102	174,147	15,378,201	2,260	567	1.13
Hearst.....	2,698	761	2,421	59,291	4,337,328	683	529	1.37
Hensall.....	906	370	1,089	22,707	2,036,950	297	572	1.11
†Hepworth.....	349	130	231	8,997	609,800	113	450	1.48
Hespeler.....	5,155	1,626	7,200	94,950	7,925,956	1,465	451	1.20
Highgate.....	386	168	231	5,133	402,600	126	266	1.27
Holstein.....	154	95	142	4,473	389,130	77	421	1.15

‡Six months' operation.
†Retail service provided by The Hydro-Electric Power Commission of Ontario.
*Excluding summer population.
§Estimated.

AND CONSUMPTION

December 31, 1965

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Ave- rage Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
50,340	3,626,408	83	3,641	1.39	4,310	316,770	4	144	6,599	1.36
53,695	3,622,140	104	2,902	1.48	28,524	1,570,320	28	999	4,674	1.82
2,084,685	159,115,150	2,636	5,030	1.31	3,324,382	359,010,728	1,059	92,338	28,250	0.93
32,984	1,915,475	107	1,492	1.72	43,074	2,496,659	41	1,231	5,075	1.73
28,542	1,592,390	89	1,491	1.79	105,290	8,655,050	32	3,089	22,539	1.22
3,091	206,911	10	1,724	1.49	3,300	130,490	4	118	2,719	2.53
6,014	440,452	26	1,412	1.37	1,696	109,600	2	75	4,567	1.55
18,711	1,073,133	78	1,147	1.74	5,450	327,550	12	156	2,275	1.66
23,071	1,749,535	59	2,471	1.32	15,108	1,266,710	22	548	4,798	1.19
270,530	24,497,550	439	4,650	1.10	13,697	1,808,370	4	385	37,674	0.76
520,482	53,196,575	1,672	2,651	0.98	541,690	63,621,010	190	20,696	27,904	0.85
8,078	635,705	38	1,394	1.27	2,939	340,584	7	96	4,055	0.86
253,695	18,884,146	600	2,623	1.34	686,778	79,489,506	146	21,817	45,371	0.86
78,951	5,436,801	164	2,763	1.45	205,886	23,558,099	44	5,485	44,958	0.87
62,423	3,463,100	184	1,568	1.80	2,841	124,600	15	83	692	2.28
16,757	1,098,506	53	1,727	1.53	15,187	803,538	18	567	3,720	1.89
182,200	18,166,570	235	\$12,884	1.00	36,950	2,805,632	26	2,249	\$17,985	1.32
61,662	3,918,916	150	2,177	1.57	205,737	18,485,092	64	5,715	24,069	1.11
5,656	198,500	22	752	2.85	8,784	530,700	2	112	22,113	1.66
27,628	1,513,003	106	1,189	1.83	.....	.....	.....	.....	.....	.....
7,998	403,670	28	\$775	1.98	4,021	240,930	8	138	2,510	1.67
1,867	82,250	18	381	2.27	68	.....	1	4	.....	.....
35,216	2,808,540	98	2,388	1.25	27,817	2,871,474	28	901	8,546	0.97
90,058	6,012,465	182	2,753	1.50	40,491	2,836,330	27	1,133	8,754	1.43
547,689	37,331,780	1,003	3,102	1.47	1,017,431	108,626,691	126	27,100	71,843	0.94
32,015	1,934,806	152	1,061	1.65	33,657	2,246,101	27	1,195	6,932	1.50
49,558	2,664,100	160	1,388	1.86	6,421	480,200	8	161	5,002	1.34
3,403,045	288,904,821	9,011	2,672	1.18	14,530,751	2,297,883,379	1,002	393,537	191,108	0.63
64,123	4,528,848	226	1,670	1.42	78,418	7,829,097	41	2,807	15,913	1.00
17,751	1,160,318	56	1,727	1.53	31,666	3,076,473	18	818	14,243	1.03
33,480	2,206,813	98	1,877	1.52	22,298	1,239,550	15	735	6,886	1.80
5,889	395,720	22	1,499	1.49	8,383	566,240	6	270	7,864	1.48
9,530	641,632	31	1,725	1.49	1,618	123,190	3	49	3,422	1.31
84,016	6,090,291	142	3,574	1.38	20,326	1,560,624	30	688	4,335	1.30
30,807	2,017,064	64	2,626	1.53	30,536	1,918,784	14	1,018	11,421	1.59
11,743	657,485	52	1,054	1.79	25,777	1,774,820	21	821	7,043	1.45
4,380	223,400	17	1,095	1.96	.....	.....	.....	.....	.....	.....
33,227	2,077,455	125	1,385	1.60	198,856	23,555,031	36	6,071	54,526	0.84
3,834	221,770	39	474	1.73	2,970	75,700	3	106	2,103	3.92
1,144	72,590	16	378	1.58	874	50,300	2	18	2,096	1.74

▲See Introduction page 201.

CUSTOMERS, REVENUE,
for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1965	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh
			kw	\$	kwh		kwh	¢
†Hornepayne.....	\$1,500	493	1,134	59,192	3,144,900	427	614	1.88
†Hudson Townsite.....	\$600	215	838	14,404	768,300	181	354	1.87
Huntsville.....	3,063	1,270	3,358	85,137	7,754,006	1,137	568	1.10
Ingersoll.....	7,107	2,447	7,321	153,115	10,112,576	2,203	383	1.51
Iroquois.....	1,156	410	1,241	28,913	2,830,389	349	676	1.02
Jarvis.....	751	279	604	14,544	1,006,996	255	329	1.44
†Jellicoe Townsite.....	\$200	66	85	3,930	212,100	54	327	1.85
Kapuskasing.....	12,289	2,370	5,182	154,099	13,337,427	2,171	512	1.16
†Kearns Townsite.....	\$500	182	279	12,685	930,900	169	459	1.36
Kemptville.....	2,092	847	2,419	64,065	5,286,387	787	560	1.21
Killaloe Station.....	810	281	523	19,483	1,193,850	260	383	1.63
Kincardine.....	2,826	1,330	2,847	83,359	8,040,566	1,202	557	1.04
King City.....	1,903	545	1,559	63,050	4,916,332	525	780	1.28
†King Kirkland Townsite.....	\$600	210	386	17,707	1,254,400	188	556	1.41
Kingston.....	52,937	18,460	77,110	1,185,132	113,679,271	15,797	600	1.04
Kingsville.....	3,530	1,439	2,943	63,850	6,188,797	1,289	400	1.03
Kirkfield.....	197	108	151	6,504	470,561	101	388	1.38
†Kirkland Lake (including Swastika).....	\$18,000	6,075	10,797	394,579	26,691,800	5,120	434	1.48
Kitchener.....	86,616	28,285	102,520	1,722,756	176,081,041	26,328	557	0.98
Lakefield.....	2,201	806	2,002	52,457	5,231,311	725	\$635	1.00
Lambeth.....	2,654	784	1,737	68,447	4,957,890	751	550	1.38
Lanark.....	920	297	505	13,860	1,443,375	281	428	0.96
Lancaster.....	578	226	490	14,566	1,092,936	201	453	1.33
Larder Lake Twp.....	1,422	466	912	39,933	3,295,960	413	665	1.21
Latchford.....	452	152	215	7,876	587,930	143	343	1.34
Leamington.....	9,328	3,428	9,279	170,726	13,958,813	3,103	375	1.22
Lindsay.....	11,627	4,184	14,498	265,567	25,764,925	3,822	562	1.03
Listowel.....	4,382	1,705	5,037	110,476	10,289,319	1,528	561	1.07
London.....	181,396	59,024	168,488	4,033,076	302,367,230	55,551	454	1.33
Long Branch.....	12,108	5,048	9,026	270,435	24,830,097	4,824	429	1.09
L'Orignal.....	1,319	422	865	27,868	2,101,874	396	442	1.33
Lucan.....	960	373	897	28,098	2,317,490	347	557	1.21
Lucknow.....	1,081	482	1,097	23,107	2,166,271	376	480	1.07
Lynden.....	591	177	504	14,620	1,325,818	169	654	1.10
Madoc.....	1,235	607	1,256	31,145	3,204,110	534	500	0.97
Magnetawan.....	237	111	150	6,301	340,780	103	276	1.85
Markdale.....	1,114	472	1,041	25,103	2,315,880	377	512	1.08
Markham.....	6,687	2,134	7,230	176,735	14,281,728	1,998	596	1.24
Marmora.....	1,237	500	1,051	32,074	2,817,941	459	512	1.14
Martintown.....	377	125	202	6,180	506,420	109	387	1.22

†Retail service provided by The Hydro-Electric Power Commission of Ontario.
§Estimated.

AND CONSUMPTION

December 31, 1965

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Ave- rage Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
24,944	1,048,700	64	1,365	2.38	8,979	645,000	2	129	26,875	1.39
7,254	411,700	32	1,072	1.76	24,248	2,332,000	2	482	97,167	1.04
56,203	4,657,564	101	3,843	1.21	17,846	1,498,490	32	701	3,902	1.19
78,659	4,791,710	186	2,147	1.64	162,329	16,183,580	58	4,854	23,252	1.00
17,845	1,316,052	57	1,924	1.36	3,349	301,400	4	112	6,279	1.11
4,584	255,662	17	1,253	1.79	9,782	569,871	7	253	6,784	1.72
2,208	119,000	12	826	1.86						
94,758	6,323,555	172	3,064	1.50	9,421	599,948	27	429	1,852	1.57
2,539	134,800	12	936	1.88	569	27,900	1	15	2,325	2.04
39,080	2,970,428	48	5,157	1.32	24,967	1,574,196	12	794	10,932	1.59
8,784	536,008	20	2,233	1.64	126	720	1	10	60	.....
32,423	2,065,663	102	1,688	1.57	29,081	2,169,508	26	841	6,953	1.34
15,495	970,907	16	5,057	1.60	2,271	188,697	4	60	3,931	1.20
3,002	221,400	22	839	1.36						.....
993,108	83,128,507	2,461	2,815	1.19	1,199,384	169,417,413	202	36,357	69,892	0.71
34,574	2,342,730	117	1,669	1.48	29,425	1,931,368	33	1,306	4,877	1.52
1,014	46,218	7	550	2.19						.....
222,123	14,693,800	926	1,322	1.51	65,327	5,761,800	29	1,552	16,557	1.13
979,289	81,154,668	1,589	4,256	1.21	1,899,346	215,139,989	368	55,576	48,718	0.88
31,631	2,156,269	72	\$1,634	1.47	12,422	952,060	9	417	8,815	1.30
9,839	529,739	31	1,424	1.86	2,750	194,946	2	61	8,123	1.41
2,918	226,148	13	1,450	1.29	3,838	301,721	3	140	8,381	1.27
8,330	522,180	25	1,741	1.60						.....
10,420	572,660	49	974	1.82	1,537	141,310	4	30	2,944	1.09
2,999	218,180	8	2,273	1.37	502	20,165	1	19	1,680	2.49
116,303	7,946,045	261	2,537	1.46	186,957	19,873,980	64	4,653	25,878	0.94
142,990	10,810,930	268	3,362	1.32	223,464	27,080,283	94	6,258	24,007	0.83
67,396	4,843,029	135	2,990	1.39	61,801	5,160,424	42	1,832	10,239	1.20
2,290,767	175,678,484	2,933	4,991	1.30	2,876,462	309,035,228	540	75,680	47,691	0.93
74,897	6,625,617	198	2,789	1.13	89,275	9,592,877	26	3,168	30,746	0.93
14,504	1,008,454	24	3,502	1.44	866	22,212	2	49	926	3.90
7,416	516,030	20	2,150	1.44	4,118	201,900	6	155	2,804	2.04
13,743	887,355	94	787	1.55	19,022	957,970	12	485	6,653	1.99
2,424	204,710	5	3,412	1.18	6,464	600,975	3	186	16,694	1.08
20,201	1,481,077	59	2,092	1.36	8,096	489,304	14	272	2,913	1.65
2,626	141,800	7	1,688	1.85	490	7,300	1	20	608	.....
17,862	1,141,150	89	1,068	1.57	4,769	359,350	6	146	4,991	1.33
65,559	4,555,887	114	3,330	1.44	48,657	4,422,250	22	1,437	16,751	1.10
12,347	800,194	35	1,905	1.54	2,907	228,950	6	78	3,180	1.27
2,082	138,180	14	823	1.51	729	17,200	2	48	717	4.24

▲See Introduction page 201.

CUSTOMERS, REVENUE,
for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1965	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh
			kw	\$	kwh		kwh	¢
Massey.....	1,282	358	711	33,042	2,126,952	338	524	1.55
†Matachewan Twp.....	\$925	306	377	17,793	1,203,800	263	381	1.48
†Matheson.....	842	313	803	20,388	1,443,900	247	487	1.41
†Mattawa.....	3,257	860	2,166	84,468	4,882,400	725	561	1.73
Maxville.....	835	317	897	19,056	1,549,149	281	459	1.23
McGarry Twp.....	1,972	414	916	36,383	3,045,651	367	692	1.19
Meaford.....	3,801	1,613	3,816	83,579	7,837,450	1,373	476	1.07
Merlin.....	623	265	492	11,068	908,298	197	384	1.22
Merrickville.....	911	373	794	23,057	1,782,539	352	422	1.29
Midland.....	9,997	3,092	12,096	179,465	20,092,489	2,871	583	0.89
Mildmay.....	895	336	717	22,600	1,829,332	301	506	1.24
Millbrook.....	890	338	715	28,764	2,052,314	322	531	1.40
Milton.....	6,231	1,854	6,223	156,455	13,401,554	1,679	665	1.17
Milverton.....	1,114	500	1,214	31,536	2,560,131	429	497	1.23
Mimico.....	18,448	7,137	10,979	339,853	34,650,874	6,807	424	0.98
Mitchell.....	2,371	973	2,703	65,796	5,131,940	883	484	1.28
Moorefield.....	318	143	418	8,321	716,960	130	460	1.16
Morrisburg.....	2,205	741	1,842	50,826	4,427,175	660	559	1.15
Mount Brydges.....	1,045	389	569	21,232	1,393,810	357	325	1.52
Mount Forest.....	2,802	1,126	2,889	76,605	7,211,180	1,024	587	1.06
Napanee.....	4,541	1,765	4,266	99,317	9,752,265	1,583	513	1.02
Nepean Twp.....	40,811	12,144	39,146	1,291,929	94,514,249	11,473	687	1.37
Neustadt.....	553	211	590	10,246	1,079,890	191	471	0.95
Newboro.....	276	156	159	8,851	485,955	146	277	1.82
Newburgh.....	579	196	391	13,480	965,239	168	479	1.40
Newbury.....	339	143	180	6,413	505,390	133	317	1.27
Newcastle.....	1,517	556	1,379	39,093	3,371,468	503	559	1.16
New Hamburg.....	2,350	807	1,993	60,376	5,580,425	732	635	1.08
†New Liskeard.....	5,045	1,742	4,855	138,932	9,280,900	1,432	540	1.50
Newmarket.....	8,869	2,904	9,537	204,078	18,439,305	2,592	593	1.11
New Toronto.....	11,104	4,192	32,489	241,028	22,981,384	3,908	490	1.05
Niagara.....	2,880	1,127	2,116	77,505	6,516,718	1,042	521	1.19
Niagara Falls.....	53,611	17,022	44,162	1,026,653	89,022,021	15,888	467	1.15
Nipigon Twp.....	2,788	793	2,162	53,751	5,218,163	704	618	1.03
North Bay.....	22,633	8,095	19,558	518,149	45,717,856	6,745	565	1.13
North York Twp.....	360,904	113,786	329,600	8,766,197	751,158,280	106,009	590	1.17
Norwich.....	1,666	677	1,108	40,597	3,183,900	565	470	1.28
Norwood.....	1,148	428	795	26,812	2,561,140	389	549	1.05
Oakville.....	50,836	14,506	88,836	1,426,008	116,615,141	13,465	722	1.22
Oil Springs.....	514	246	393	9,081	692,594	197	293	1.31

†Retail service provided by The Hydro-Electric Power Commission of Ontario.
§Estimated.

AND CONSUMPTION

December 31, 1965

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Ave- rage Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
9,428	501,313	19	2,199	1.88	806	89,360	1	15	7,447	0.90
5,391	341,300	43	661	1.58						
15,981	977,400	64	1,273	1.64	12,926	703,200	2	343	29,300	1.84
53,225	2,734,800	132	1,727	1.95	28,138	2,178,200	3	504	60,506	1.29
15,388	915,426	33	2,312	1.68	5,194	143,300	3	189	3,981	3.62
11,443	639,426	45	1,184	1.79	2,208	175,420	2	51	7,309	1.26
39,092	2,740,212	201	1,136	1.43	64,357	6,300,739	39	1,794	13,463	1.02
11,065	720,268	63	953	1.54	5,309	226,294	5	145	3,772	2.35
3,413	208,930	14	1,244	1.63	7,924	575,820	7	263	6,855	1.38
69,192	6,302,016	146	3,597	1.10	211,612	27,689,065	75	8,530	30,766	0.76
7,710	428,762	28	1,276	1.80	5,458	302,268	7	167	3,598	1.81
4,889	225,612	16	1,175	2.17						
65,530	4,879,737	153	2,658	1.34	88,882	8,669,840	22	2,294	32,840	1.03
17,310	1,023,311	54	1,579	1.69	12,177	719,148	17	427	3,525	1.69
135,248	11,581,210	290	3,328	1.17	52,038	4,467,159	40	1,931	9,307	1.16
23,502	1,476,738	68	1,810	1.59	60,863	4,968,393	22	1,600	18,820	1.23
2,216	114,890	11	870	1.93	9,080	674,200	2	216	28,092	1.35
25,834	1,852,713	72	2,144	1.39	13,607	1,013,111	9	384	9,381	1.34
6,489	378,210	26	1,212	1.72	6,591	309,320	6	223	4,296	2.13
30,418	2,218,800	73	2,533	1.37	15,570	925,020	29	572	2,658	1.68
59,285	4,533,014	145	2,605	1.31	48,024	4,594,632	37	1,681	10,348	1.05
583,954	49,902,762	630	6,601	1.17	106,877	9,362,419	41	2,747	19,029	1.14
1,562	93,930	17	460	1.66	5,498	427,160	3	215	11,866	1.29
1,566	70,490	10	587	2.22						
5,291	225,028	24	781	2.35	3,163	132,550	4	103	2,761	2.39
1,873	121,950	9	1,129	1.54	142	2,160	1	10	180	.....
13,541	877,152	41	1,783	1.54	11,754	1,036,886	12	324	7,201	1.13
19,770	1,256,517	53	1,976	1.57	30,374	2,063,701	22	860	7,817	1.47
108,490	6,054,000	287	1,758	1.79	83,277	6,647,300	23	1,982	24,084	1.25
172,675	13,481,955	276	4,071	1.28	85,818	8,491,777	36	2,561	19,657	1.01
167,340	13,713,853	244	4,684	1.22	983,657	137,551,509	40	26,942	286,566	0.72
23,171	1,427,654	65	1,830	1.62	16,848	963,644	20	474	4,015	1.75
868,696	72,807,914	1,042	5,823	1.19	444,283	48,172,135	92	13,740	43,634	0.92
36,570	2,878,320	85	2,822	1.27	19,759	2,664,456	4	482	55,510	0.74
417,731	30,591,410	1,213	2,102	1.37	160,451	14,958,485	137	4,602	9,099	1.07
5,626,257	443,611,870	6,761	5,468	1.27	2,635,120	252,547,425	1,016	77,768	20,714	1.04
16,536	873,176	100	728	1.89	4,942	378,888	12	138	2,631	1.30
7,744	507,626	35	1,209	1.53	3,770	151,035	4	159	3,147	2.50
580,642	43,354,185	879	4,110	1.34	2,457,674	349,312,613	162	55,412	179,688	0.70
2,472	137,660	17	675	1.80	12,087	1,304,429	32	263	3,397	0.93

▲See Introduction page 201.

CUSTOMERS, REVENUE,
for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1965	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh
			kw	\$	kwh		kwh	¢
Omemee.....	788	310	557	20,909	1,508,784	283	444	1.39
Orangeville.....	5,414	1,973	5,457	147,638	12,687,514	1,787	592	1.16
Orillia.....	14,824	5,642	19,550	302,808	31,347,098	4,826	541	0.97
Orono.....	958	386	887	29,235	2,386,886	356	559	1.22
Oshawa.....	73,770	24,208	111,351	1,519,211	177,357,073	21,976	673	0.86
Ottawa (including Eastview and Rockcliffe Park).....	311,637	99,122	312,405	5,308,542	700,915,241	87,290	669	0.76
Otterville.....	764	288	405	17,807	1,427,320	253	470	1.25
Owen Sound.....	17,955	6,264	14,833	420,497	42,358,464	5,737	615	0.99
Paisley.....	704	327	709	18,843	1,599,350	252	529	1.18
Palmerston.....	1,675	667	1,590	43,486	3,676,778	597	513	1.18
Paris.....	6,115	2,134	5,145	127,355	9,853,391	1,851	444	1.29
Parkhill.....	1,139	507	1,132	33,393	2,663,673	447	497	1.25
Parry Sound.....	5,902	2,145	5,000	166,568	13,927,120	1,940	598	1.20
Penetanguishene.....	5,114	1,424	3,428	83,654	9,274,688	1,304	593	0.90
Perth.....	5,609	2,128	5,881	134,474	11,828,249	1,954	504	1.14
Peterborough.....	53,424	17,108	53,910	1,383,206	126,507,653	16,024	658	1.09
Petrolia.....	3,790	1,385	2,794	68,044	4,843,830	1,161	348	1.40
Pickering.....	1,871	553	1,363	50,251	3,752,584	517	605	1.34
†Pickle Lake Landing Townsite	\$300	122	321	8,118	498,400	86	483	1.63
Picton.....	4,866	1,928	5,124	117,601	11,196,834	1,581	590	1.05
Plantagenet.....	863	243	712	25,245	1,612,003	223	602	1.57
Plattsville.....	513	211	907	16,601	1,321,064	200	550	1.26
Point Edward.....	2,739	881	6,553	44,468	3,285,220	784	349	1.35
Port Arthur.....	46,094	14,515	55,320	981,405	92,264,981	12,896	596	1.06
Port Burwell.....	678	471	317	24,637	1,000,804	441	189	2.46
†Port Carling.....	*547	577	436	40,685	2,095,800	502	348	1.94
Port Colborne.....	17,526	5,438	16,219	264,237	20,573,170	4,821	356	1.28
Port Credit.....	7,846	2,750	16,518	177,930	16,864,406	2,566	548	1.06
Port Dover.....	3,189	1,538	2,786	74,330	5,236,049	1,408	310	1.42
Port Elgin.....	2,059	1,176	2,146	84,719	6,598,877	1,056	521	1.28
Port Hope.....	8,430	2,930	9,473	209,311	18,943,089	2,743	576	1.10
Port McNicoll.....	1,178	570	1,624	30,509	2,664,090	560	396	1.15
Port Perry.....	2,502	912	2,381	72,349	6,625,730	854	647	1.09
Port Rowan.....	793	351	411	15,572	1,068,255	320	278	1.46
Port Stanley.....	*1,424	1,149	1,158	61,835	4,064,047	1,098	308	1.52
†Powassan.....	1,060	394	850	31,729	2,309,600	314	613	1.37
Prescott.....	5,240	1,822	4,761	102,669	10,660,696	1,694	524	0.96
Preston.....	12,500	3,948	11,829	261,510	22,894,132	3,640	524	1.14
Priceville.....	138	75	69	3,828	200,970	68	246	1.90
Princeton.....	424	177	378	10,642	978,105	134	608	1.09

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

*Excluding summer population.

§Estimated.

AND CONSUMPTION

December 31, 1965

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Ave- rage Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
6,726	291,080	23	1,055	2.31	4,638	335,440	4	98	6,988	1.38
50,271	3,488,936	137	2,122	1.44	61,363	5,712,083	49	2,130	9,714	1.07
197,728	15,796,247	680	1,936	1.25	354,705	38,514,286	136	13,016	23,599	0.92
8,273	561,753	25	1,873	1.47	6,265	514,723	5	168	8,579	1.22
753,242	69,831,560	1,916	3,037	1.08	2,189,563	301,766,191	316	61,275	79,580	0.73
7,626,285	679,297,376	11,659	4,855	1.12	510,701	51,707,395	173	16,163	24,907	0.99
5,588	292,065	30	811	1.91	942	25,385	5	40	423	3.71
159,395	12,878,127	380	2,824	1.24	166,949	16,912,469	147	6,296	9,588	0.99
10,517	600,690	67	747	1.75	2,903	226,730	8	83	2,362	1.28
22,687	1,428,935	54	2,205	1.59	10,823	833,235	16	410	4,340	1.30
58,063	4,106,177	236	1,450	1.41	80,836	9,248,352	47	2,951	16,398	0.87
17,261	1,007,451	46	1,825	1.71	18,396	1,046,013	14	519	6,226	1.76
79,958	5,302,632	182	2,428	1.51	34,552	2,824,994	23	980	10,235	1.22
30,593	2,636,010	100	2,197	1.16	33,082	4,164,291	20	1,128	17,351	0.79
62,405	4,957,757	137	3,016	1.26	79,002	7,535,076	37	2,778	16,971	1.05
541,166	44,305,517	789	4,680	1.22	815,865	104,832,442	295	26,230	29,614	0.78
54,950	3,042,590	190	1,334	1.81	61,776	3,003,473	34	1,511	7,361	2.06
10,761	825,137	31	2,218	1.30	7,623	715,235	5	239	11,921	1.07
6,568	403,100	35	960	1.63	3,363	197,800	1	57	16,483	1.70
82,247	6,105,992	313	1,626	1.35	36,497	3,261,629	34	1,259	7,994	1.12
8,908	476,164	18	2,204	1.87	10,114	544,360	2	228	22,682	1.86
2,915	131,650	7	1,567	2.21	23,905	1,987,600	4	529	41,408	1.20
53,619	3,933,530	80	4,097	1.36	197,221	22,432,970	17	5,626	109,966	0.88
679,745	58,952,695	1,566	3,137	1.15	855,465	90,718,719	53	29,596	142,639	0.94
6,146	323,850	27	1,000	1.90	635	8,150	3	46	226	.....
22,039	1,130,800	69	1,366	1.95	1,496	116,900	6	52	1,624	1.28
166,915	9,808,323	505	1,619	1.70	442,029	58,904,974	112	11,323	43,828	0.75
120,974	9,805,672	173	4,723	1.23	521,470	81,052,427	11	11,465	614,034	0.64
36,206	2,310,747	85	2,265	1.57	56,837	5,024,508	45	1,685	9,305	1.13
34,490	2,072,287	105	1,645	1.66	17,541	1,197,150	15	441	6,651	1.47
65,891	4,736,432	141	2,799	1.39	178,762	18,573,365	46	5,307	33,647	0.96
3,633	243,420	7	2,898	1.49	25,758	1,723,820	3	778	47,884	1.49
26,234	1,889,993	50	3,150	1.39	4,406	237,844	8	176	2,478	1.85
7,207	383,449	27	1,183	1.88	1,435	60,486	4	45	1,260	2.37
11,097	612,410	36	1,418	1.81	8,377	392,206	15	348	2,179	2.14
14,647	841,800	76	923	1.74	1,048	42,700	4	26	890	2.45
50,872	3,842,428	109	2,938	1.32	47,214	4,665,053	19	1,504	20,461	1.01
64,759	4,438,766	190	1,947	1.46	279,402	26,545,310	118	8,938	18,747	1.05
647	19,155	7	228	3.38	.....	.....	.....	.....	.....	.....
6,490	398,928	39	852	1.63	2,189	70,030	4	87	1,459	3.13

▲See Introduction page 201.

CUSTOMERS, REVENUE,
for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1965	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Av- erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Queenston.....	524	184	459	14,232	1,488,890	179	693	0.96
Rainy River.....	1,134	431	811	35,525	2,272,296	398	476	1.56
†Red Lake Twp.....	2,507	1,178	2,111	89,287	5,487,100	925	494	1.63
Red Rock.....	1,943	360	1,044	26,221	2,626,480	335	653	1.00
Renfrew.....	8,636	2,880	8,225	180,285	18,333,036	2,611	585	0.98
Richmond.....	1,266	388	1,174	32,576	3,172,300	371	713	1.03
Richmond Hill.....	19,474	5,383	16,454	446,322	37,309,420	5,045	616	1.20
Ridgetown.....	2,695	1,125	2,331	44,425	3,408,654	928	306	1.30
Ripley.....	420	215	490	13,630	1,213,440	195	519	1.12
Riverside.....	\$20,000	5,936	11,268	412,182	32,046,240	5,776	462	1.29
Rockland.....	3,415	887	1,921	65,005	5,511,454	847	542	1.18
Rockwood.....	827	308	602	23,183	1,804,928	294	512	1.28
Rodney.....	1,099	445	807	22,629	1,526,830	405	314	1.48
Rosseau.....	216	128	143	7,288	449,590	118	318	1.62
Russell.....	581	217	505	15,178	1,419,265	197	600	1.07
St. Catharines.....	91,376	28,316	122,457	1,795,761	149,920,891	25,506	490	1.20
St. Clair Beach.....	1,628	477	915	38,884	2,783,550	463	501	1.40
St. George.....	859	297	706	15,958	1,601,708	271	493	1.00
St. Jacobs.....	859	278	704	17,532	1,505,289	226	555	1.16
St. Mary's.....	4,598	1,728	13,694	121,960	10,483,410	1,589	550	1.16
St. Thomas.....	22,691	8,208	22,134	551,437	44,303,453	7,681	481	1.24
Sandwich East Twp.....	\$22,500	6,751	15,543	400,448	23,342,798	6,410	303	1.72
Sandwich West Twp.....	\$32,500	8,999	22,991	821,251	58,822,662	8,480	578	1.40
Sarnia.....	51,547	15,852	173,667	1,045,625	70,205,396	14,853	394	1.49
Scarborough Twp.....	262,491	75,591	227,569	5,347,030	468,334,216	71,566	545	1.14
Schreiber Twp.....	2,212	669	1,810	52,362	5,579,737	613	759	0.94
Seaforth.....	2,249	905	2,240	53,504	4,721,098	801	491	1.13
Shelburne.....	1,302	624	1,245	36,284	3,172,170	562	470	1.14
Simcoe.....	9,875	3,694	11,431	165,516	17,216,664	3,361	427	0.96
Sioux Lookout.....	2,718	953	2,292	83,520	6,863,284	811	705	1.22
Smith's Falls.....	9,878	3,514	10,969	251,798	21,716,739	3,262	555	1.16
Smithville.....	899	390	741	18,896	1,444,744	291	414	1.31
Southampton.....	1,759	1,276	1,515	57,765	4,640,785	1,136	340	1.24
†South Porcupine Townsite...	\$6,000	2,029	3,144	118,641	8,061,600	1,749	384	1.47
South River.....	943	332	543	24,954	1,450,829	309	391	1.72
Springfield.....	518	184	329	11,497	911,140	174	436	1.26
Stayner.....	1,716	736	1,531	41,621	3,785,266	653	483	1.10
Stirling.....	1,304	561	1,473	37,026	3,455,726	491	587	1.07
Stoney Creek.....	7,235	2,169	5,508	191,179	15,909,574	2,038	651	1.20
Stouffville.....	3,604	1,246	3,310	107,083	8,661,125	1,132	638	1.24

†Retail service provided by The Hydro-Electric Power Commission of Ontario.
§Estimated.

AND CONSUMPTION

December 31, 1965

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Ave- rage Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
4,998	432,112	5	7,202	1.16						
11,477	659,330	32	1,717	1.74	2,246	179,540	1	60	14,962	1.25
66,072	4,212,700	244	1,439	1.57	12,023	476,700	9	301	4,414	2.52
15,000	1,498,250	24	5,202	1.00	1,585	174,000	1	56	14,500	0.91
74,444	6,032,576	205	2,452	1.23	102,962	11,019,903	64	3,639	14,349	0.93
14,660	979,360	17	4,801	1.50						
164,124	11,819,604	250	3,940	1.39	182,113	14,691,278	88	5,209	13,912	1.24
31,367	1,827,914	169	901	1.72	44,469	3,219,688	28	1,299	9,582	1.38
4,932	283,280	16	1,475	1.74	2,746	146,300	4	93	3,048	1.88
77,888	5,375,325	130	3,446	1.45	62,204	5,221,827	30	1,952	14,505	1.19
14,434	920,915	37	2,074	1.57	2,339	219,410	3	80	6,095	1.07
4,091	252,290	14	1,502	1.62	172			27		
12,438	846,904	32	2,205	1.47	7,923	422,680	8	249	4,403	1.87
2,767	163,100	10	1,359	1.70						
4,110	279,156	17	1,342	1.47	633	60,900	3	22	1,692	1.04
934,679	66,737,502	2,522	2,205	1.40	2,903,079	390,895,279	288	75,757	113,106	0.74
3,777	201,664	8	2,101	1.87	6,928	513,480	6	188	7,132	1.35
7,142	546,254	21	2,168	1.31	9,010	746,515	5	244	12,442	1.21
11,792	752,020	43	1,457	1.57	9,049	430,750	9	335	3,988	2.10
33,695	2,311,960	94	2,050	1.46	510,740	77,463,915	45	12,482	143,452	0.66
205,583	15,188,117	395	3,204	1.35	450,900	49,358,100	132	12,548	31,160	0.91
156,751	10,669,322	243	3,659	1.47	290,854	22,748,663	98	7,163	19,344	1.28
383,355	27,466,787	413	5,542	1.40	237,091	17,005,866	106	6,050	13,369	1.39
690,560	43,390,740	856	4,224	1.59	5,955,706	942,624,970	143	127,512	549,315	0.63
2,690,165	214,900,652	3,473	5,157	1.25	2,401,821	236,120,251	552	67,319	35,646	1.02
27,384	2,159,604	55	3,272	1.27	4,689	588,400	1	120	49,033	0.80
29,786	2,032,924	80	2,118	1.47	23,346	1,638,066	24	814	5,688	1.43
16,304	1,185,755	47	2,102	1.37	6,667	331,660	15	280	1,843	2.01
136,466	10,905,647	267	3,404	1.25	202,743	23,847,783	66	6,270	30,111	0.85
45,155	2,525,419	134	1,571	1.79	13,506	1,349,810	8	270	14,061	1.00
138,168	11,704,149	223	4,374	1.18	115,130	14,025,351	29	3,339	40,303	0.82
14,459	729,283	85	715	1.98	14,021	815,667	14	423	4,855	1.72
24,957	1,373,472	122	938	1.82	18,965	1,295,240	18	534	5,996	1.46
54,304	3,043,600	272	932	1.78	3,887	286,400	8	100	2,983	1.36
8,227	399,943	19	1,754	2.06	6,410	375,470	4	123	7,822	1.71
1,783	126,000	7	1,500	1.42	1,958	72,000	3	81	2,000	2.72
13,339	930,670	62	1,251	1.43	15,099	1,562,114	21	464	6,199	0.97
14,201	943,994	54	1,457	1.50	9,674	779,592	16	349	4,060	1.24
63,772	4,880,954	106	3,837	1.31	11,217	797,419	25	388	2,658	1.41
41,998	2,673,295	99	2,250	1.57	14,646	784,219	15	493	4,357	1.87

▲See Introduction page 201.

CUSTOMERS, REVENUE,
for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1965	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh
			kw	\$	kwh		kwh	¢
Stratford.....	22,815	7,332	25,460	507,264	45,051,620	6,471	580	1.13
Strathroy.....	5,564	1,954	5,781	134,101	11,343,630	1,769	534	1.18
Streetsville.....	5,780	1,577	4,655	115,770	9,316,569	1,381	562	1.24
Sturgeon Falls.....	6,670	1,716	4,092	136,353	10,525,466	1,594	550	1.30
Sudbury.....	80,592	25,296	55,351	1,729,084	166,980,706	22,686	613	1.04
Sunderland.....	599	274	614	15,601	1,522,560	249	510	1.02
Sundridge.....	786	324	750	20,582	1,792,152	290	515	1.15
Sutton.....	*1,377	933	1,465	58,360	4,264,023	851	418	1.37
Swansea.....	9,577	3,609	7,806	226,039	21,309,170	3,454	514	1.06
Tara.....	550	266	681	14,718	1,383,213	240	480	1.06
Tavistock.....	1,251	522	1,228	38,007	3,354,724	485	576	1.13
Tecumseh.....	4,641	1,373	2,444	87,824	5,619,105	1,294	362	1.56
Teeswater.....	938	385	995	22,216	2,066,223	342	503	1.08
Terrace Bay Twp.....	1,882	461	1,664	45,720	5,386,179	410	1,095	0.85
Thamesford.....	1,343	445	1,215	40,208	3,274,371	419	651	1.23
Thamesville.....	1,001	443	1,103	20,669	1,646,850	395	347	1.26
Theford.....	683	306	646	19,956	1,657,860	276	501	1.20
Thessalon.....	1,701	509	1,050	44,886	2,938,321	463	529	1.53
Thornbury.....	1,210	571	1,434	31,837	2,437,488	470	432	1.31
Thorndale.....	405	138	269	11,369	878,580	130	563	1.29
†Thornloe.....	161	35	60	3,374	239,900	28	714	1.41
Thornton.....	319	108	208	7,651	635,860	97	546	1.20
Thorold.....	8,698	2,594	15,810	188,954	12,029,798	2,332	430	1.57
Tilbury.....	3,187	1,114	2,276	48,038	3,370,760	997	282	1.42
Tillsonburg.....	6,682	2,635	7,851	146,493	11,993,614	2,294	436	1.22
†Timmins (including Schumacher).....	§32,800	9,997	18,190	669,169	47,588,400	8,681	457	1.41
Toronto (including Leaside)...	662,478	214,482	710,558	12,343,282	972,266,700	182,295	444	1.27
Toronto Twp.....	82,476	23,874	117,098	2,140,774	179,938,234	22,677	661	1.19
Tottenham.....	776	281	511	18,283	1,720,250	255	562	1.06
Trenton.....	14,115	4,641	18,685	269,759	28,821,838	4,299	559	0.94
Tweed.....	1,443	664	1,771	41,261	4,213,910	586	599	0.98
Uxbridge.....	2,598	939	3,053	59,876	5,982,119	848	588	1.00
Vankleek Hill.....	1,756	575	1,078	31,207	2,554,652	525	406	1.22
Victoria Harbour.....	1,031	535	616	25,931	1,782,330	518	§291	1.45
Walkerton.....	4,222	1,478	4,755	99,265	9,434,362	1,355	580	1.05
Wallaceburg.....	10,468	3,563	12,098	126,715	10,971,603	3,153	290	1.15
Wardsville.....	305	156	239	6,277	513,075	121	353	1.22
Warkworth.....	547	246	395	15,079	1,109,853	230	402	1.36
Wasaga Beach.....	*468	1,001	453	34,611	1,756,970	801	183	1.97
Waterdown.....	1,925	611	1,495	47,126	4,131,560	539	639	1.14

†Retail service provided by The Hydro-Electric Power Commission of Ontario.
*Excluding summer population.
§Estimated.

AND CONSUMPTION

December 31, 1965

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Ave- rage Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
275,421	20,122,189	701	2,392	1.37	456,365	48,443,630	160	14,543	25,231	0.94
65,006	4,362,968	134	2,713	1.49	117,335	9,931,830	51	3,267	16,228	1.18
54,913	3,807,629	173	1,834	1.44	57,211	5,823,066	23	1,578	21,098	0.98
66,555	4,490,912	104	3,598	1.48	8,668	837,746	18	221	3,878	1.03
965,125	73,874,341	2,323	2,650	1.31	247,067	19,513,572	287	7,522	5,666	1.27
5,203	341,419	20	1,423	1.52	3,725	262,921	5	123	4,382	1.42
11,134	767,276	29	2,205	1.45	2,638	115,820	5	91	1,930	2.28
32,028	1,989,293	76	2,181	1.61	6,989	401,035	6	183	5,570	1.74
90,341	6,586,689	139	3,949	1.37	91,267	10,663,715	16	2,332	55,540	0.86
6,472	456,545	19	2,002	1.42	9,648	1,158,050	7	218	13,786	0.83
7,947	583,590	24	2,026	1.36	10,786	659,305	13	341	4,226	1.64
24,659	1,460,793	62	1,963	1.69	17,450	1,621,683	17	482	7,949	1.08
9,546	672,500	34	1,648	1.42	17,266	1,656,190	9	479	15,335	1.04
29,332	2,408,544	49	4,096	1.22	5,361	588,000	2	147	24,500	0.91
7,642	523,950	20	2,183	1.46	17,547	1,534,435	6	396	21,312	1.14
10,013	709,718	31	1,908	1.41	21,777	1,136,670	17	787	5,572	1.92
5,452	329,090	22	1,247	1.66	5,843	394,140	8	175	4,106	1.48
20,234	1,092,632	40	2,276	1.85	7,369	414,780	6	158	5,761	1.78
16,076	982,344	83	986	1.64	32,500	2,105,329	18	1,049	9,747	1.54
1,274	75,500	5	1,258	1.69	2,180	82,980	3	85	2,305	2.63
1,380	71,900	7	856	1.92	.....	.....	.....	.....	.....	.....
1,439	67,280	11	510	2.14	.....	.....	.....	.....	.....	.....
73,635	4,030,339	221	1,520	1.83	565,197	76,898,557	41	13,495	156,298	0.73
36,686	2,474,740	89	2,317	1.48	42,849	2,343,980	28	1,492	6,976	1.83
136,724	9,698,682	286	2,826	1.41	121,638	10,497,734	55	3,530	15,906	1.16
401,096	26,011,400	1,285	1,687	1.54	38,652	2,078,400	31	963	5,587	1.86
10,087,029	708,816,334	24,825	2,379	1.42	19,935,156	2,145,850,743	7,362	503,263	24,290	0.93
937,353	73,102,512	901	6,761	1.28	2,656,914	316,047,675	296	61,919	88,977	0.84
4,353	256,260	20	1,068	1.70	2,359	184,420	6	72	2,561	1.28
124,289	10,173,383	278	3,049	1.22	427,374	60,203,496	64	12,017	78,390	0.71
20,529	1,635,244	62	2,198	1.26	16,241	1,091,594	16	635	5,685	1.49
33,304	2,315,162	66	2,923	1.44	36,901	2,893,049	25	1,158	9,644	1.28
13,897	1,053,266	43	2,041	1.32	4,407	169,585	7	202	2,019	2.60
9,480	552,590	14	\$2,193	1.72	1,035	75,000	3	29	2,083	1.38
47,206	3,486,580	102	2,848	1.35	59,999	5,918,625	21	1,798	23,487	1.01
91,920	7,355,486	308	1,990	1.25	370,483	48,509,840	102	10,789	39,632	0.76
5,423	268,527	35	639	2.02	.....	.....	.....	.....	.....	.....
3,431	200,960	16	1,047	1.71	.....	.....	.....	.....	.....	.....
34,096	1,574,320	199	659	2.17	173	4,160	1	7	347	4.16
24,890	1,718,590	55	2,604	1.45	4,921	298,260	17	179	1,462	1.65

▲See Introduction page 201.

CUSTOMERS, REVENUE,
for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1965	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Av- erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Waterford.....	2,382	872	1,760	54,616	3,718,721	823	377	1.47
Waterloo.....	27,953	8,101	31,208	616,695	60,198,450	7,231	694	1.02
Watford.....	1,286	542	1,795	32,953	2,939,880	484	506	1.12
Waubashene.....	\$1,450	460	398	18,480	1,243,005	439	\$238	1.49
Webbwood.....	594	145	224	12,886	684,614	131	436	1.88
Welland.....	37,892	11,448	33,476	598,886	41,787,169	10,746	324	1.43
Wellesley.....	661	303	533	20,561	1,589,141	283	468	1.29
Wellington.....	1,010	482	717	28,078	2,194,572	450	406	1.28
West Ferris Twp.....	6,339	2,230	5,951	184,637	13,933,731	2,075	560	1.33
West Lorne.....	1,065	456	1,402	24,125	1,895,720	412	383	1.27
Weston.....	10,360	3,960	12,664	252,201	22,722,452	3,606	525	1.11
Westport.....	646	301	572	16,752	1,544,050	271	475	1.08
Wheatley.....	1,447	540	944	26,272	1,867,345	442	352	1.41
Whitby.....	14,758	4,272	16,716	309,146	28,957,690	3,904	618	1.07
†White River.....	961	362	848	39,385	1,677,100	280	499	2.35
Warton.....	1,969	831	1,780	54,704	4,669,574	745	522	1.17
†Widdifield Twp.....	12,732	3,656	12,250	160,047	11,037,975	3,458	\$532	1.45
Williamsburg.....	318	146	354	7,710	697,278	125	465	1.11
Winchester.....	1,433	608	1,689	39,470	3,692,303	551	558	1.07
Windermere.....	*110	139	127	7,513	497,096	128	324	1.51
Windsor.....	\$114,000	38,058	109,329	1,639,436	153,993,848	35,268	364	1.06
Wingham.....	2,924	1,153	3,409	75,771	8,038,970	1,033	649	0.94
Woodbridge.....	2,478	793	2,714	63,088	6,108,748	730	697	1.03
Woodstock.....	23,018	7,807	27,075	572,710	51,778,378	7,174	601	1.11
Woodville.....	446	199	204	10,895	865,770	180	401	1.26
Wyoming.....	952	372	623	15,321	1,303,310	333	326	1.18
York Twp.....	129,297	41,582	79,913	2,333,081	226,531,981	39,671	476	1.03
Zurich.....	726	317	580	20,838	1,562,990	254	513	1.33

†Retail service provided by The Hydro-Electric Power Commission of Ontario.
*Excluding summer population.
§Estimated.
‡Six months' operation.

AND CONSUMPTION

December 31, 1965

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Ave- rage Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
18,708	1,057,280	34	2,591	1.77	24,615	1,250,950	15	709	6,950	1.97
441,448	31,065,837	780	3,319	1.42	470,075	49,626,132	90	12,968	45,950	0.95
16,555	997,850	45	1,848	1.66	39,290	3,464,961	13	1,124	22,211	1.13
5,556	315,340	18	\$1,272	1.76	1,104	43,600	3	38	1,211	2.53
2,742	113,691	12	790	2.41	458	41,300	2	9	1,721	1.11
389,455	28,185,673	612	3,838	1.38	911,301	102,509,344	90	24,594	94,916	0.89
3,807	232,522	17	1,140	1.64	2,480	123,580	3	81	3,433	2.01
6,183	308,378	19	1,353	2.01	8,210	452,995	13	233	2,904	1.81
78,886	5,451,473	140	3,245	1.45	63,812	8,002,361	15	1,462	44,458	0.80
10,084	525,283	32	1,368	1.92	38,864	3,048,190	12	1,002	21,168	1.27
230,043	18,436,783	313	4,909	1.25	184,121	18,825,560	41	4,827	38,263	0.98
9,542	679,030	28	2,021	1.41	302	5,672	2	24	236	5.32
19,978	987,305	86	957	2.02	21,070	1,036,500	12	606	7,198	2.03
140,805	10,549,983	324	2,714	1.33	324,328	40,998,654	44	9,197	77,649	0.79
37,862	1,924,200	81	1,980	1.97	7,145	477,100	1	91	39,758	1.50
26,111	1,810,989	68	2,219	1.44	13,037	1,013,258	18	398	4,691	1.29
76,153	5,932,149	168	\$5,885	1.28	94,079	10,654,037	30	4,804	\$59,189	0.88
6,855	460,072	20	1,917	1.49	251	19,010	1	6	1,584	1.32
20,056	1,675,477	49	2,849	1.20	20,843	2,491,743	8	584	25,956	0.84
3,690	216,250	11	1,638	1.71						
1,042,930	83,759,070	2,018	3,459	1.25	2,543,716	290,235,170	772	76,324	31,329	0.88
36,716	2,773,535	86	2,688	1.32	48,815	4,140,201	34	1,602	10,148	1.18
19,606	1,453,389	51	2,375	1.35	30,942	3,075,931	12	859	21,361	1.01
235,084	17,400,416	483	3,002	1.35	529,931	57,098,920	150	15,276	31,722	0.93
3,237	183,992	16	958	1.76	1,204	40,890	3	48	1,136	2.94
6,926	503,450	31	1,353	1.38	10,148	476,605	8	386	4,965	2.13
1,021,404	84,653,998	1,751	4,029	1.21	812,026	93,854,401	160	23,762	48,883	0.87
11,008	485,006	58	697	2.27	2,450	132,690	5	57	2,212	1.85

▲See Introduction page 201.

NOTES

For certain municipalities the figures under the heading "Monthly Consumption per Customer" have been estimated to allow for the transfer of small commercial customers to residential service.

December Peak Loads—When figure is shown in bold face type, local generation and/or local purchases have been included in addition to the load supplied by Ontario Hydro.

LIST OF ABBREVIATIONS

A.M.E.U.—Association of Municipal Electrical Utilities	kw —kilowatt(s)
bhp —brake horsepower	kwh —kilowatt-hour(s)
cfs —cubic feet per second	M.E.U. —Municipal Electrical Utilities
C.L.C. —Canadian Labour Congress	min —minimum
ehv —extra-high-voltage	—minute (20-min)
G.S. —Generating Station	mw —megawatt
hp —horsepower	O.M.E.A.—Ontario Municipal Electric Association
Jct. —Junction	rpm —revolutions per minute
kv —kilovolt(s)	S.S. —Switching Station
kva —kilovolt-ampere(s)	T.S. —Transformer Station
kvar —kilovar(s)	Twp. —Township

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